

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

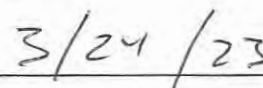
APPLICANT INFORMATION			
Applicant: St. Johns County			
Department: Parks and Recreation			
Project Title: Genovar Land Acquisition			
Project Director: Nathan Otter		Title:	Natural Resources Superintendent
Project Liaison: <i>(if different from Director)</i>		Title:	
Mailing Address:	2175 Mizell Road		
City: St. Augustine	Zip Code:	32080	
Email Address: notter@sjcfl.us	Phone #:	904.209.0328	
Project Address:	320 SR 312 St. Augustine, FL		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____



DATE: _____



PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

This property is located on the San Sebastian River east of Home Depot, north of SR 312 and south of Nix Boat Yard Road. The property has deep water direct access for a public boat ramp, ample parking, and other related uses. The public boat ramp will not only provide needed recreational boaters access to the ICW but it will also be available for commercial marine activity. An example of commercial activity is the unloading of dredge materials generated from the maintenance of the San Sebastian federal navigation channel. The County's 2019 Parks and Recreation Master Plan has identified waterway access as a priority. The County's Capital Improvement Plan has included funding for land acquisition for boat ramp and/or beach access for FY22 and FY23. As of 2021, there are 16,701 St. Johns County registered vessels. Estimated existing boat ramp parking spaces over 13 County maintained ramps are 437 Saltwater access and 135 Freshwater access. County staff has been working for years to identify lands with deep water access for acquisition.

SJC is applying for FIND's Land Acquisition Grant for the purchase of the Genovar Property. SJC is currently allocating funding for design of the property with the goal of starting construction in a 5 year time frame.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: St. Johns County	Project Title: Genovar Land Acquisition	
Total Project Cost: \$17,542,408.00	FIND Funding Requested: 2,000,000	% of Total Cost: 11%
Amount of Applicant's Matching Funds:	Remaining amount of purchase price. <i>**The allocated tax funds for SJC will not cover the full 25% of the purchase price. The exact amount is unknown, but the remaining funds are covered by SJC.</i>	
Source of Applicant's Matching Funds:	St. Johns County General Fund, Tree Bank Funds, St. Augustine Beaches, Port, and Waterway District	

1. Ownership of Project Site (check one): Own: ☐ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

3. Has the District previously provided assistance funding to this project or site? Yes ☐ No: ☐

4. If yes, please list:

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

This piece of property was previously privately owned. There is a boat ramp and dock on site. Additionally, there is a house that can be used for educational classes or office space. The property is covered with natural vegetation, including live oaks.

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

A company will be hired to complete conceptual design of the entire property. Community and stakeholder meetings will be had to ensure the park will meet the needs of the public. In general terms the park will include a boat ramp for motorized and non-motorized vehicles, passive recreation, trails, pavilions, and other parklike amenities. The goal of this boat ramp is to meet high traffic needs of boaters in SJC. The boat ramp will be designed to allow for the transfer of dredge materials for off-site disposal. Ample parking will be available at this site in hopes of alleviating congestion at SJC other large boat ramps.

7. Are fees charged for the use of this project? No ☐ Yes ☐ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	N/A		
DEP	N/A		
ACOE	N/A		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Genovar Land Acquisition
Applicant:	St. Johns County

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

Acquisition, dredging, shoreline stabilization and development of public boat ramps and launching facilities;

- b) Explain how the project fits this priority category.**

This acquisition will provide a brand new regional boat launching facility in St. Johns County. The site will provide direct access to the intracoastal waterway and deep-water access.

(For reviewer only)
Max. Available Score for application 47

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

a) Explain how the project relates to the ICW and the mission of the Navigation District.

This land purchase is directly related to the mission because it is creating a brand-new launching and landing facility in St. Johns County. The property will have ICW and direct deep-water access. The property is 31 acres. It will have ample parking and will be a regional boat ramp for St. Johns County.

b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

It provides access to the ICW and deep-water access to the Atlantic Ocean. It will alleviate pressure and capacity issues at the SJC boat ramps including the Vilano Boat ramp. This ramp is anticipated to be of similar size of the Vilano Boat Ramp when construction is completed. The boat ramp will provide a government owned facility for the transfer of dredge materials from a barge to trucks for the transport to a permanent off-site facility.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.

With this property, SJC is now able to offer 31 acres of public land to residents and visitors of St. Johns County. A variety of recreational opportunities can be offered at this facility including waterway access for motorized and non-motorized vessels, fishing, regional waterway special events/tournaments, educational programming, and many more.

b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.

This ramp's location will benefit a wide range of users. It is located at the southern boundary of the City limits of St. Augustine, along the 312 Bridge. This corridor will not only service residents in the general area, but will expand to the west to include Hastings and Elkton area. Additionally, there is not a large boat ramp in this area on the west side of the ICW. There are a few in the southern portion of the county that are more neighborhood type access. The vision of this site is a regional boat ramp facility and will allow ample use by all.

The property will provide opportunities for a variety of user groups to enjoy. It has the potential to host a variety of user groups from recreational, educational programming, to large waterway special events.

c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

There is currently an existing speed zone. No, there are no plans for restrictions of commercial access or restrictive use of this site currently.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

St Johns County closed on the Genovar property on December 14, 2022.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

None, the land has already been purchased.

(For reviewer only)

(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

Waterway Access Fund	\$5,250,000
Tree Bank Fund	\$2,000,000
St. Augustine Port Waterway & Beach District	\$1,500,000
Impact Fee Parks Zone C	\$1,125,000
Tourist Development Tax Category V	\$1,125,000
General Fund/Short Term Financing*	\$6,500,000

*Recommendation for General Fund / Short-Term Financing to be reimbursed, over successive fiscal years, by a combination of TDT Cat V, Impact Fee Parks Zone C, and grant opportunities.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

N/A

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

No fees are not currently associated with the use of the facility.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

(For reviewer only)

(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The demand for boat ramps in St. Johns County is exceeding the current inventory. FIND has graciously supported the development of a new ramp in the northern part of the county, Palm Valley West. This land acquisition will be providing access at a new facility in the southern portion of St. Johns County. St. Johns County experiences at capacity conditions at all 13 boat ramps. With an additional launching facility, this will lessen the burden at other facilities.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The Parks and Recreation Department has formed a Waterway Access Management Program (WAMP). The purpose of WAMP is to meet the growing and diverse maritime needs of St. Johns County residents and visitors. With proactive maintenance, facility improvements and expansions this program will strive to enhance opportunities for motorized and non-motorized vessels to access both salt and fresh water. The WAMP will work in partnership with both local and state agencies, including the Beach Port and Waterway District, Florida Inland Navigational District, Tourist Development Council, and local stakeholders. The program will be funded through the General Fund, Tourist Development Council allocations, and grant opportunities through the Beach Port and Waterway, and Florida Inland Navigational District.

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

The St. Johns County Parks and Recreation Master Plan lists several top priorities of our Park System Needs. One of the top priority's listed was Land Acquisition of Park Land. This piece of property was a rare opportunity for St. Johns County to purchase from a life long family of the County.

The construction of this site is referenced as an immediate need in SJC Public Waterway Access Master Plan that has been completed early of 2023. This project was also grant funded by FIND.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Genovar Land Acquisition
Applicant:	St. Johns County

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Land Purchase	\$17,542,408.00	\$ 15,524,400	\$ 2,000,000

**TOTALS =	\$ 17,542,408.00	\$ 15,542,400 *	\$ 2,000,000 *
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ATTACHMENT E-6 PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Genovar Land Acquisition
Applicant:	St. Johns County

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

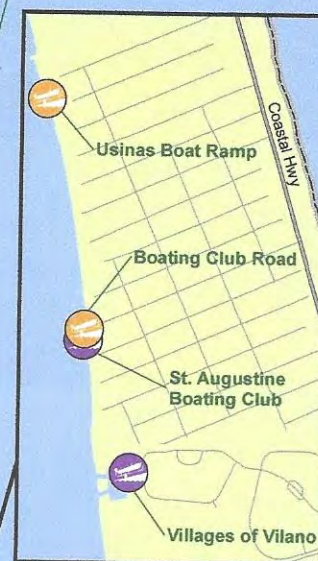
Date	Component
December 14, 2022	Land Purchased

ST. JOHNS COUNTY BOAT RAMPS

ATLANTIC OCEAN

DUVAL COUNTY

Palm Valley Bridge-ICW
Six Mile Ramp - Guana
Pine Island Fish Camp
Guana Research Reserve (2 ramps)



Moody Canal Road
Pacettis Campground
Trout Creek Park
Palmo Boat Ramp
Six Mile Marina Ramp

CLAY COUNTY

Old Tocol Fish Camp
PUTNAM COUNTY
Riverdale Park

Legend

- | | | | |
|--|--------|--|---------|
| | CITY | | GTMNERR |
| | COUNTY | | PRIVATE |
| | FWC | | STATE |

0 2 4 6
Miles



DISCLAIMER:

This map is for reference use only. Data provided are derived from multiple sources with varying levels of accuracy. The St. Johns County GIS Division disclaims all responsibility for the accuracy or completeness of the data shown hereon.
Map Prepared: March 30, 2011

HASTINGS

Deep Creek Landing

FLAGLER COUNTY

Vilano Boat Basin

ST. AUGUSTINE
Lighthouse Park
Doug Crane Park
Shore Drive Boat Ramp

ST. AUGUSTINE BEACH

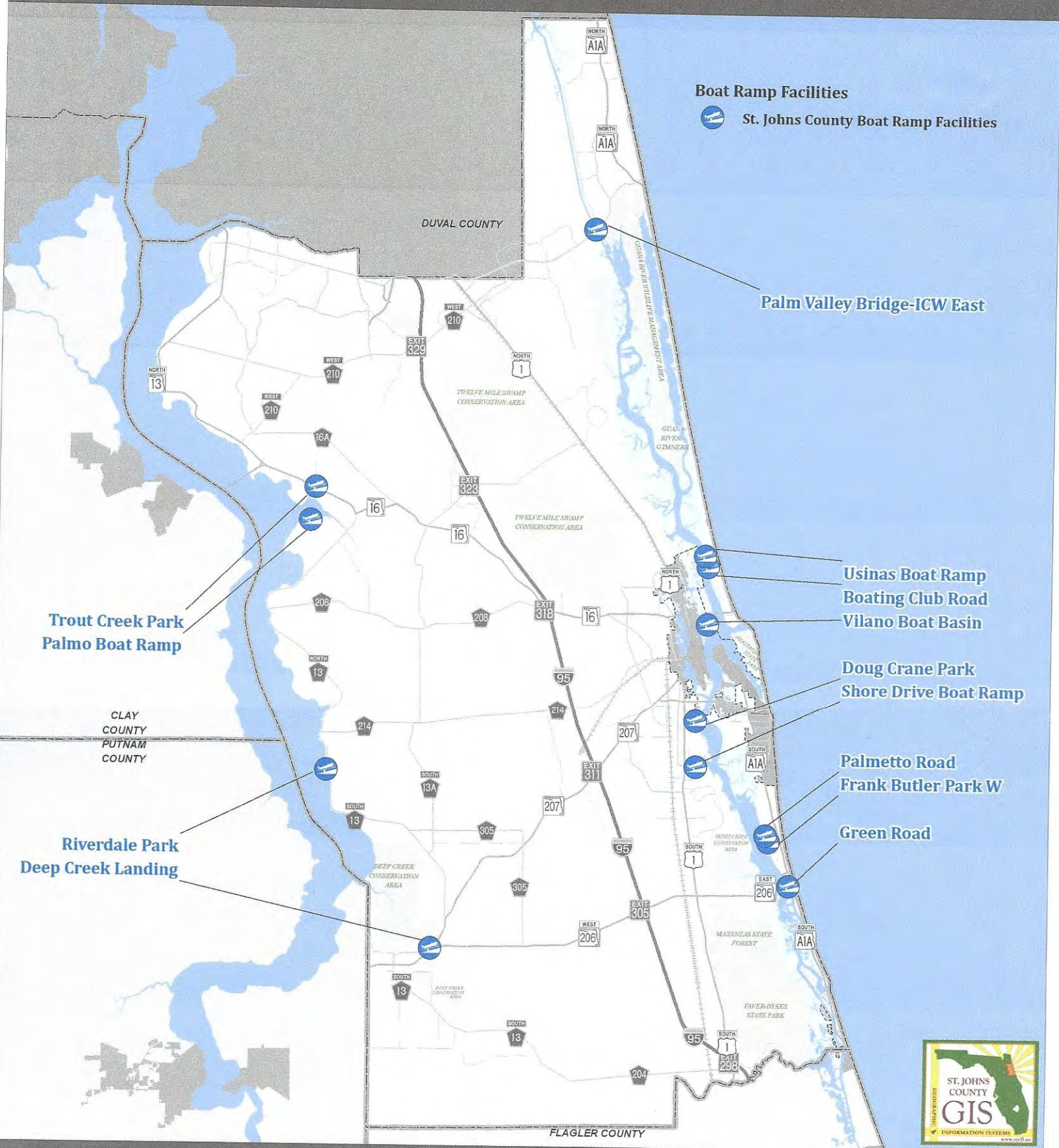
Ocean Grove Camp Resort
Palmetto Road
Frank Butler Park W

Green Road
Devils Elbow
Fish Camp
Tradewinds
Condominium

Summer Island
Faver Dykes
State Park
MARINELAND



St. Johns County Boat Ramp Facilities



Boat Ramp Facilities



St. Johns County Boat Ramp Facilities

Palm Valley Bridge-ICW East

Trout Creek Park
Palmo Boat Ramp

Usinas Boat Ramp
Boating Club Road
Vilano Boat Basin

Doug Crane Park
Shore Drive Boat Ramp

Palmetto Road
Frank Butler Park W

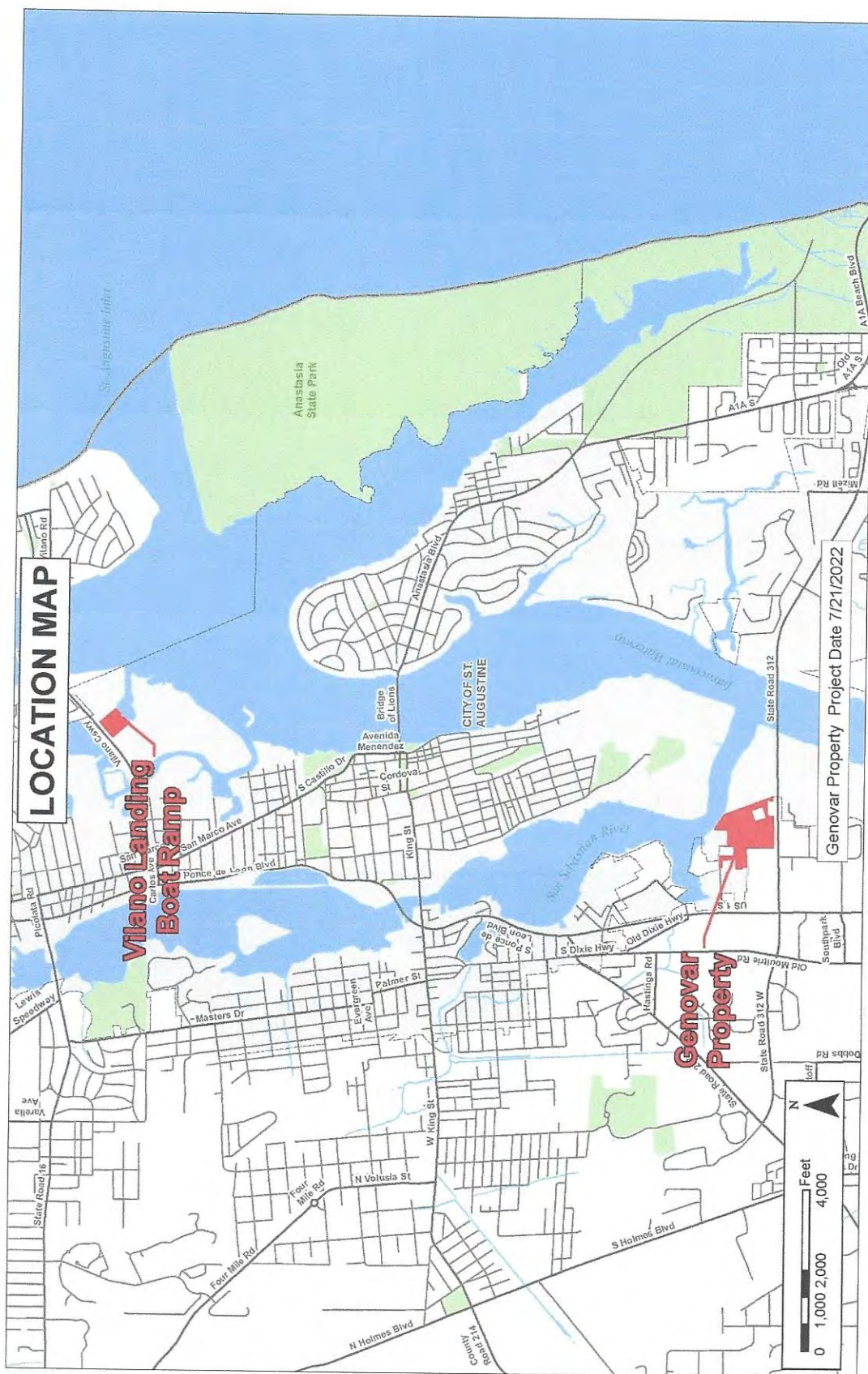
Green Road


Riverdale Park
Deep Creek Landing




0 1.5 3 4.5
Miles

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 Genovar Property

 Not part of acquisition



0 100 200
Feet



2021 Aerial Imagery
7/21/2022

Genovar Property
San Sebastian River

Approximately 31 acres

Land Management
Systems
Real Estate
Division
(904) 209-0790

Disclaimer:
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sources with varying levels of accuracy.
The St. Johns County Real Estate
Division disclaims all responsibility
for the accuracy or completeness
of the data shown hereon.



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ATTACHMENT E-2

APPLICANT INFORMATION & PROJECT SUMMARY
WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Port St. Lucie			
Department: Parks and Recreation			
Project Title: The Port District Preserve Upland Trails - River Boardwalk South Connection			
Project Director: Bradley Keen		Title:	Asst. Director, Parks & Recreation
Project Liaison: <i>(if different from Director)</i>	Kelly Boatwright	Title:	Parks Administrator-Projects
Mailing Address:	2195 SE Airoso Blvd		
City: City of Port St. Lucie	Zip Code:	34984	
Email Address: KBoatwright@CityofPSL.com	Phone #:	772-871-5099	
Project Address:	2454 SE Westmoreland Blvd. Port St. Lucie, FL 34952		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE:  DATE: 3/27/2023

<p>PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)</p> <p>In 2017, the Florida Inland Navigation District (FIND) approved the City of Port St. Lucie's Riverwalk Extension Project at Westmoreland Riverfront Park (now called The Port District) as a multi-year project pursuant to Rule 66(B)-2.005 (4). The North Fork of the St. Lucie River is a state aquatic preserve that runs through Port St. Lucie and merges with the Indian River Lagoon and the Intracoastal Waterway (ICW) before flowing out the St. Lucie Inlet to the Atlantic Ocean. There is an existing Riverwalk Boardwalk that stretches 2,453 feet from Tom Hooper Park (behind Walgreens at Port St. Lucie Boulevard and Veterans Memorial Parkway) to the boat ramps and pavilion at Veterans Park at Rivergate. This Riverwalk Boardwalk also extends south to the Westmoreland Riverfront Park area, a 43-acre recreational space located along the North Fork of the St. Lucie River that also includes the City's Botanical Gardens and other amenities currently under construction that will feature a destination playground, additional boardwalk connections, canoe/kayak launches, and an overwater stage with tiered seating.</p> <p>The City of Port St. Lucie seeks FIND funding to construct The Port District Preserve Upland Trails – River Boardwalk South Connection. The development of preserve trails and a Citywide trails system is a key component of the City of Port St. Lucie's Ten-Year Parks and Recreation Master Plan. The Port District's Preserve Trail will traverse a conservation tract and have natural viewpoints within the upland trail area and of the North Fork of the St. Lucie River. These trails will also connect the 13-acre Preserve to an adjacent 10-acre recreation area of The Port District, which has a riverside boardwalk that provides access to the North Fork of the St. Lucie River, an iconic bayan tree, the Port St. Lucie Botanical Gardens, the historic Peacock House and Peacock Lodge, and newly-constructed recreational amenities.</p>
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PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Port St. Lucie	Project Title: The Port District Preserve Upland Trails – River Boardwalk South Connection	
Total Project Cost: \$ 1,800,000	FIND Funding Requested: \$400,000	% of Total Cost: 22%
Amount of Applicant's Matching Funds:	\$400,000	
Source of Applicant's Matching Funds:	Capital Improvement Plan (CIP) / 301 General Fund	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

N/A - Construction taking place on property owned/controlled by the City of Port St. Lucie

3. Has the District previously provided assistance funding to this project or site? Yes: ☐ No: ☒

4. If yes, please list:

FIND funding has not been provided for this site. However, FIND has provided funding for projects adjacent to this site and that tie into the overall river connection. A summary of past FIND funding is provided below.

FY 2017/18 - \$69,702 for Riverwalk Boardwalk Part 1 Construction (SL-PSL-17-62)

FY 2018/19 - \$400,000 for Riverwalk Boardwalk Extension Part 2 (SL-PSL-18-64)

FY 2019/20 - \$400,000 for Riverwalk Park Boardwalk Extension Phase IIa (SL-PSL-19-66)

FY 2020/21 - \$36,000 for Rivergate Canal Boat Ramp Dredging Phase I (SL-PSL-20-68)

FY 2021/22 - \$235,850 for Boardwalk Under Port St. Lucie Blvd Bridge Phase IIb (SL-PSL-21-71)

FY 2022/23 - \$225,100 for Boardwalk Under Port St. Lucie Blvd Bridge Phase IIb – Part2 (SL-PSL-22-74)

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable): Three boat ramps (open 24/7), a handicapped boat entry lift, and car/trailer parking are available at Veterans Park at Rivergate. There is also 2,453-foot boardwalk that provides public access to the North Fork of the St. Lucie River from Veterans Park at Rivergate to Tom Hopper Park. The Port District also includes an accessible kayak launch and will feature 12 boat slips.

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

The project supports increased access to the boardwalks and other riverfront amenities.

7. Are fees charged for the use of this project? No ☒ Yes ☐

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	Yes	July 2017	August 2017
DEP	Yes	August 2018	August 2018
ACOE	Yes	October 2016	January 2017

ATTACHMENT E-4
EVALUATION WORKSHEET
 WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	The Port District Preserve Upland Trails – River Boardwalk South Connection
Applicant:	City of Port St. Lucie

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application. (The application may only be of **one** type based upon the predominant cost of the project elements.)

Public waterfront parks, boardwalks, and associated improvements

- b) Explain how the project fits this priority category.

The Port Preserve Trail will be constructed within the Conservation Tract inside the 13-acre recreation area of the Port District, with connections to the North Fork of the St. Lucie River boardwalks in the southern section of the park site.

(For reviewer only)

Max. Available Score for application 45

Question 1. Range of Score (1 to 3 points)

2) WATERWAY RELATIONSHIP:

a) Explain how the project relates to the ICW and the mission of the Navigation District.

The project is located along the North Fork of the St. Lucie River, where the St. Lucie River then combines with the Indian River Lagoon and the Atlantic Intracoastal Waterway (ICW) before entering the Atlantic Ocean at the St. Lucie Inlet. This project aligns with FIND's objective by expanding and/or enhancing access to the ICW in Florida.

b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

This project will allow patrons to have better access to the North Fork of the St. Lucie River, resulting in an increase in fishing, walking/running, kayaking/canoeing, bird watching, boating, etc. Nearby amenities include a destination river-themed playground, the Port St. Lucie Botanical Gardens, the historic Peacock House and Peacock Lodge, open space, and other recreational areas.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.

Tens of thousands locals and tourists visit the North Fork of the St. Lucie River each year. Inside the Port District, the Port Preserve Trail will provide access to a 13-acre Conservation Tract area with connections to the riverfront boardwalk on the North Fork of the St. Lucie River. Increased opportunities for fishing, walking/running, kayaking/canoeing, bird viewing, and boating will be recognized. Nearby amenities include a destination river themed playground, the Port St. Lucie Botanical Gardens, the historic Peacock House and Peacock Lodge, and other recreational amenities. Once the adjacent park construction is complete, the number of visitors to the area, attendees at city events, use of parking spaces, and boat docks will exponentially increase.

b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.

Priority is placed on attracting locals and tourists to this unique site by offering access to a variety of leisure activities. The Port District includes outdoor spaces for people of all ages, an accessible walking route, and historical and botanical learning opportunities. The project will provide guests with unique unobstructed views of the North Fork of the St. Lucie River, as well as access to boat slips and fishing facilities.

c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

All access to the river is free and uninhibited. There will be no restrictions placed on commercial access or use.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) **Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

The project is fully designed and permitted. NEPA approval is currently underway for the Wilderness Trail/Port District Preserve Trail connection, funded with an RTP grant, and is expected to be complete in approximately 6 months. The proposed project will be shovel ready upon grant award and can be completed in 18 months.

- b) **Briefly explain any unique aspects of this project that could influence the timeline.**

NEPA approval is currently being sought for the Wilderness Trail/Port District Preserve Trail connection project and is expected to take approximately 6 months. The Port District Preserve Trail is connected to this activity and construction cannot begin until approval documentation has been executed. NEPA approval is expected to be complete upon FIND grant award.

(For reviewer only)

(1-3 points)

5) COSTS & EFFICIENCY:

- a) **List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

The City of Port St. Lucie will match FIND resources one for one with local funds. These dollars have been committed and are ready to spend as part of the City's Five Year Capital Improvement Plan. Funding sources are budgeted within the 301 General Fund.

- b) **Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

There are no expected increases in project costs other than fluctuations in material pricing and availability. The City of Port St. Lucie is familiar with the site conditions and has budgeted appropriately.

- c) **Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

There will be no fees associated with the use of this facility.

- d) **If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A; There are no fees associated with the use of this facility.

(For reviewer only)

(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

Much of the city's waterfront is made up of single-family residential lots, gated neighborhoods, public property set aside for stormwater management, or public land set aside for preservation as part of the state's aquatic preserve system, all of which restrict public access to the North Fork of the St. Lucie River. The Port District Preserve Upland Trail will provide increased public access to the North Fork of the St. Lucie River with enhanced recreational opportunities for all users.

Expansion of the boardwalk and trails provides additional connectivity for the patrons and increases walkability throughout the city. This is good news for the health of those living in Port St. Lucie. Almost 46% of the neighborhood's inhabitants are classified as having a poor or moderate income. Increasing the length of the boardwalk is one way to close the "nature gap" that exists in low-income areas, where there are fewer places to go outside that are both safe and welcome.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The project will continue to be included in the City's property inventory and maintained by the Port St. Lucie Parks and Recreation Department, which is funded through the General Fund.

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

The project is referenced in the City's Comprehensive Plan, listed as a priority project in the City's Strategic Plan, and included in the 2014 Martin and St. Lucie Regional Waterways Plan. This project is also included in the Port St. Lucie Parks & Recreation 10-Year Master Plan, adopted by the City Council in July 2019, as well as in The Port District Master Plan, adopted by City Council in July 2021.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
If permits are NOT required, explain why not.

All necessary environmental permits are currently in hand, including USACE, DEP and SFWMD.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.

This project should be completed in one phase.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.

Permits are already secured. There are no known impediments that will delay project implementation.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

- a) **Has the design work been completed?**

If this is a Phase I project, has a preliminary design been developed?

Yes, the design and permitting for this project is complete.

- b) **Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

Yes, the proposed connection has been designed to lessen the impacts to wetland and mangrove area.

(For reviewer only)

(1-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) **Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

The project features poly-wrapped pressure treated wooden piles, pressure treated wooden substructure, composite decking and natural upland stabilized trail material(s).

- b) **What is the design life of the proposed materials compared to other available materials?**

The estimated life span of the material is 50 years. This is much longer than the average 10-to-15-year life span of traditional pressure-treated decking.

(For reviewer only)

(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?

The Port District has been a multi-year, multi-phased project, and the City has made a concerted effort to promote environmental stewardship through maintenance practices, education and signage.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?

The boardwalk elevation has been determined based on recommendations of the U.S. Army Corps of Engineers and South Florida Water Management District. The project is not expected to be impacted by sea level rise.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	The Port District Preserve Upland Trails – River Boardwalk South Connection
Applicant:	City of Port St. Lucie

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Boardwalk Construction 10' wide including aluminum handrails (260 LF @ \$310 LF)	80,600	40,300	40,300
Accessible Walkway including aluminum handrails (300 LF @ \$360/LF)	108,000	54,000	54,000
Upland Stabilized Trail (2,200 LF, \$330 LF)	726,000	420,300	305,700
Nature Overlook / Gazebo 2 @ \$140,000 / each	280,000	280,000	0
Light poles / fixtures at 4 trail connection entrances (4 fixtures @ \$40,000 / each)	160,000	160,000	0
Interpretive / Educational Signage	30,000	30,000	0
Water connection / Fountain 1 @ \$10,000 (includes LF connection of waterline to adjacent park)	10,000	10,000	0
Invasive Vegetation Removal	50,000	50,000	0
General Conditions (25%)	355,400	355,400	0

**TOTALS =	\$ 1,800,000.00	\$ 1,400,000.00	\$ 400,000.00
-------------------	------------------------	------------------------	----------------------

ATTACHMENT E-6

PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

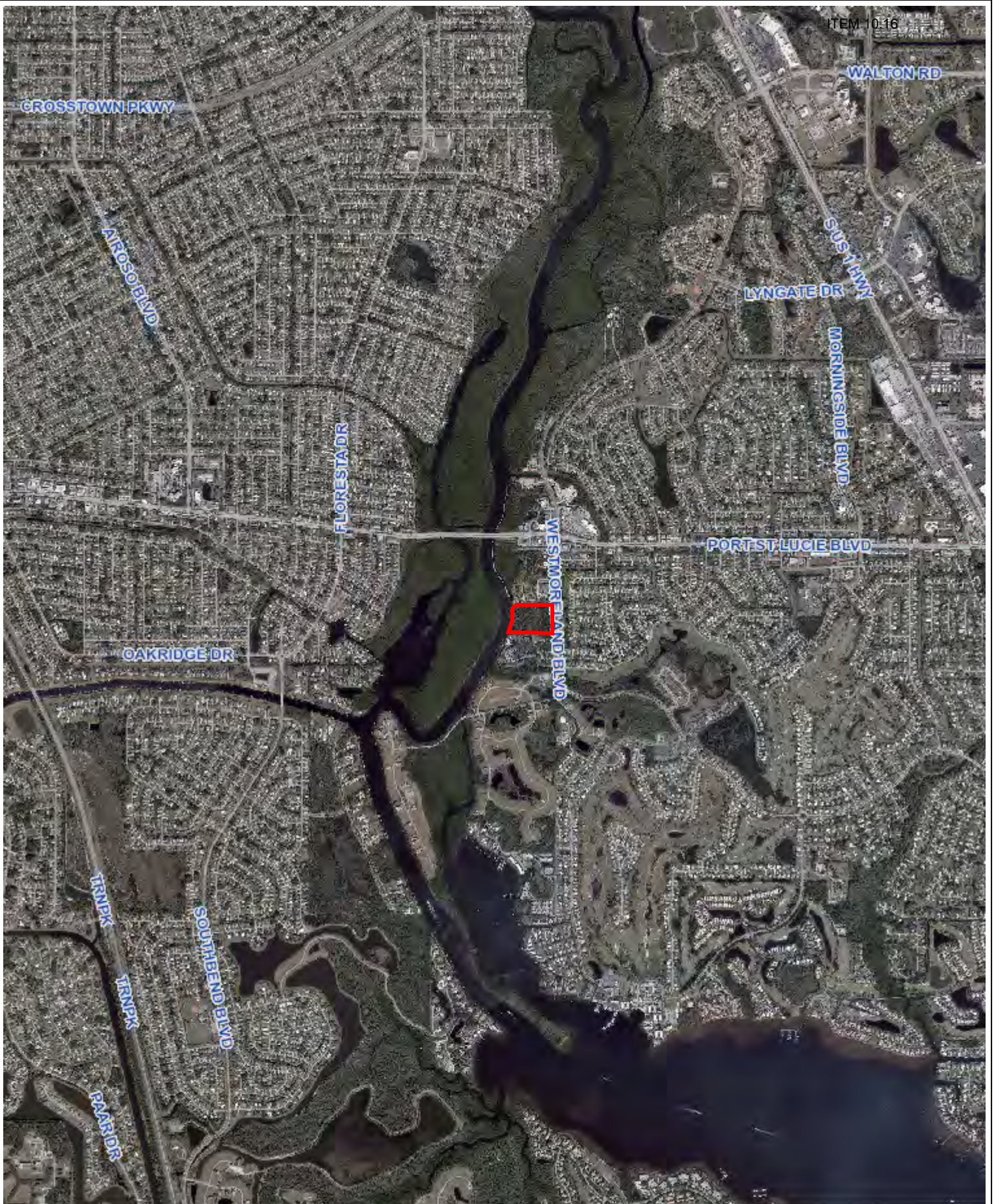
Project Title:	The Port District Preserve Upland Trails – River Boardwalk South Connection
Applicant:	City of Port St. Lucie

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
Pre-project	
September 30, 2023	NEPA clearance will be secured
<u>Project period</u>	
October 1, 2023	Project kick-off
October 1, 2023-January 31, 2024	Procurement
February 1-December 31, 2024	Construction
December 31, 2024	Project closeout

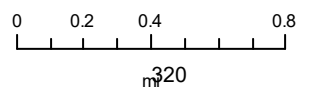
FIND Form 96-10 (effective date 04-15-07)



The Port District Conservation Tract Site

Map produced by the City of Port St Lucie City Council Map Generator Website on: 3/27/2023

Scale:



Project Boundary Map

Southern Boardwalk & Conservation Tract



Site Data

Total Site Area:	424,710 sf	(9.75 ac.)	100%
Future Land Use Designation:	CG/CH/RO/RM		
Existing Zoning:	Riverwalk South PUD		
Parcel ID:	4410-413-0001-000-6		
Max. Building Height:	75'		
Total Building SF:	14,515 sf		

Pervious / Impervious Calculations

Total Area:	424,710 sf.	(9.75 ac.)	100%
Impervious Area:	167,030 sf.	(3.83 ac.)	39%
Building Coverage:	14,515 sf.	(0.33 ac.)	5%
Pavement:	82,288 sf.	(1.89 ac.)	67%
Sidewalks:	48,170 sf.	(1.10 ac.)	13%
Playground Area:	22,057 sf.	(0.51 ac.)	3%
Pervious Area:	257,680 sf.	(5.92 ac.)	61%
Landscape:	254,162 sf.	(5.83 ac.)	98%
Retention:	3,518 sf.	(0.08 ac.)	2%

Parking Requirements

Total Parking Provided:	270 Spaces
Parking Required:	134 Spaces
Restaurant:	(8,350 sf/ 75 sf = 111)
Historic Village:	(4,561 sf/ 200 sf = 23)
Paved Parking Provided:	119 Spaces
Unpaved/Overflow Parking Provided:	151 Spaces

Drainage Statement

The site is located directly adjacent to the City's Botanical Gardens which is permitted under the South Florida Water Management District Environmental Resource Permit No. 56-02986-P. The existing Botanical Gardens stormwater management lake system will be expanded to accommodate the Site Drainage. Stormwater will be routed to the expanded Botanical Gardens lake system through a combination of inlets, culverts and overland flow discharge. The required water quality treatment and attenuation will be provided within the expanded lake system prior to discharge to the North Fork of the St. Lucie River.

Traffic Statement

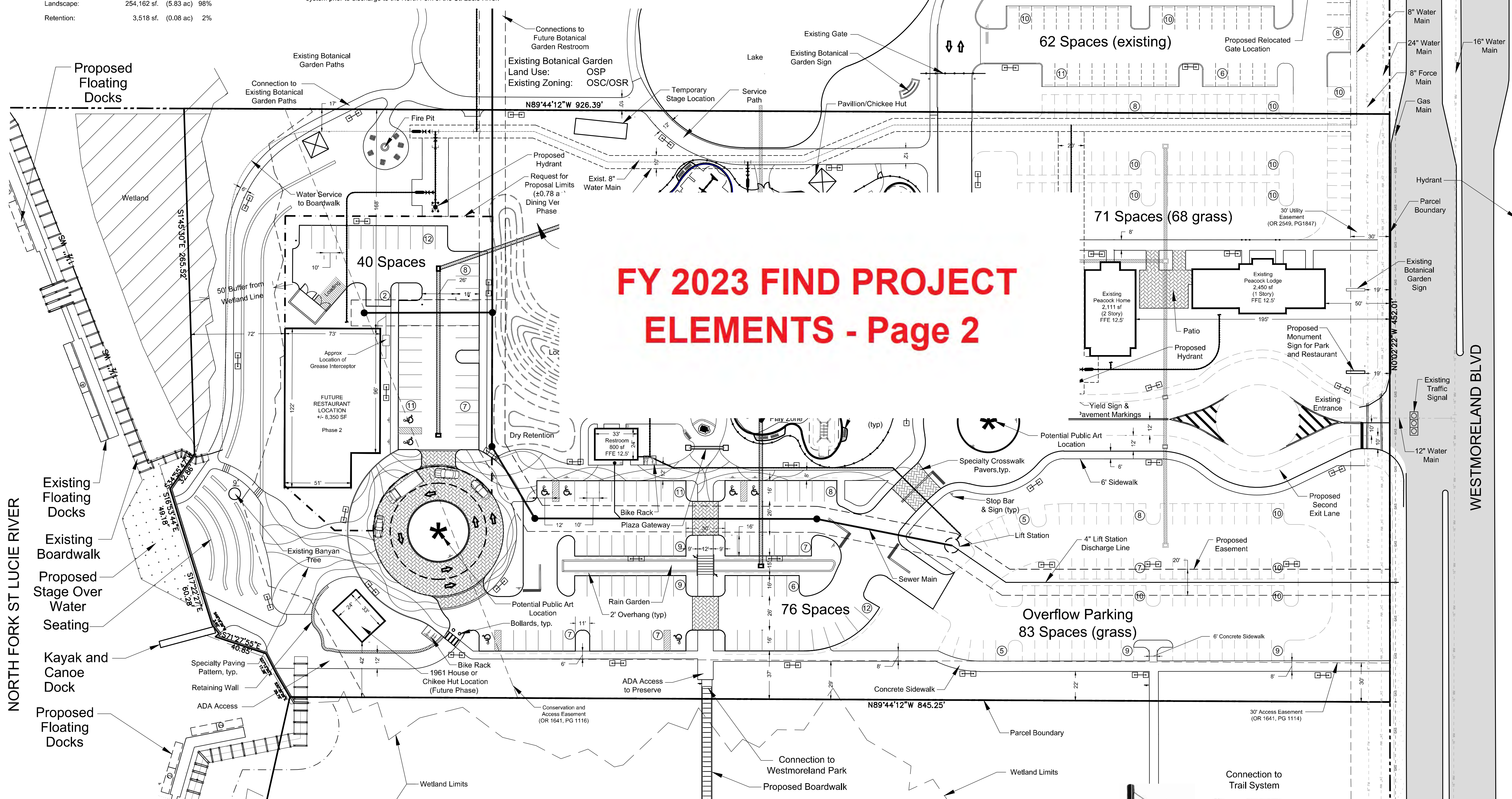
Trip generation for the site is based upon the Institute of Transportation Engineers (ITE) Manual, 9th Edition. The ITE Codes for the proposed development are 411 (City Park) and 931 (Quality Restaurant). Trip generation for this site is estimated as follows:

Average Daily Trips (ADT)	
City Park:	*16.74 trips/Acre = 1.89 * 22.50 Acres = 377 VPD
Quality Restaurant:	89.95 trips/1,000 sf = 8,350 sf/1,000 * 0.81 = 751 VPD
	Total ADT = 1,128 VPD

AM Peak Hour Trips	
City Park:	4.5 trips/Acre = 4.5 * 22.50 Acres = 101 VPH
Quality Restaurant:	0.81 trips/1,000 sf = 8,350 sf/1,000 * 0.81 = 7 VPH
	Total AM Peak Hour = 108 VPH

PM Peak Hour Trips	
City Park:	3.5 trips/Acre = 3.5 * 22.50 Acres = 79 VPH
Quality Restaurant:	7.49 trips/1,000 sf = 8,350 sf/1,000 * 7.49 = 63 VPH
	Total PM Peak Hour = 142 VPH

*Based Upon max day use on Sundays

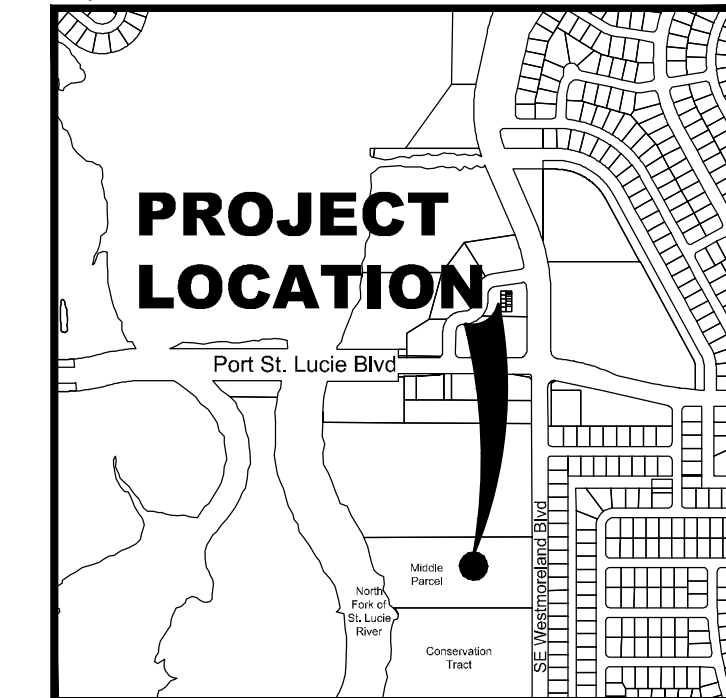


FY 2023 FIND PROJECT ELEMENTS - Page 2

lucido & associates

701 E Ocean Blvd., Stuart, Florida 34984 (772) 220-2100, Fax (772) 223-6220
100 Avenue A Suite 2A, Fort Pierce, Florida 34950 (772) 467-1301, Fax (772) 467-1303
827 North Thornton Avenue, Orlando, Florida 32803 (407) 898-9521, Fax (407) 898-9768

Key / Location:



Not to Scale

Project Team:

Owner/Developer:
City of Port St. Lucie
121 SW Port St. Lucie Blvd
Port St. Lucie, FL 34984

Engineer:
Culpepper and Terpening, Inc.
2980 South 25th Street
Fort Pierce, FL 34981
772-464-3537

Landscape Architect/Land Planner:
Lucido & Associates
701 E Ocean Blvd
Stuart, FL 34904
772-220-2100



WESTMORELAND RIVERWALK Site Plan

Port St. Lucie, Florida
March 17, 2021

City of Port St. Lucie P# 17-004 A2
PSLUSD No. 5001-31

Date	By	Description
5.14.2021	MRY	Response to SRPC comm
6.9.2021	MRY	Response to SRPC comm

5.14.2021 MRY Response to SRPC comm
6.9.2021 MRY Response to SRPC comm

Date	By	Description
5.14.2021	MRY	Response to SRPC comm
6.9.2021	MRY	Response to SRPC comm

General Notes:

- Hazardous waste disposal shall comply with all federal, state and local regulations.
- A separate sign permit is required for all site signage and must be approved by the City of Port St. Lucie.
- All landscape areas abutting vehicular use areas shall be curbed or protected by curb stops.
- All building, parking and access areas shall document compliance with the requirements of the American Disabilities Act prior to the issuance of a building permit.
- Soil erosion and sediment control devices shall be in place prior to the commencement of construction activities.
- Landscaping shall be in accordance with the requirements of chapter 153 of the landscape code of the City of Port St. Lucie.
- Dumpster enclosure top of wall shall be 6" above finished floor elevation.

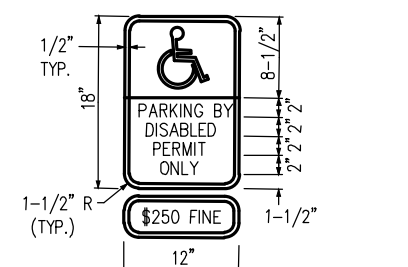
Legal Description:

10.37.40 S 452.12 FT OF N 1/2 OF GOVT LOT 8 LYG E OF N FORK OF ST LUCIE RIV-LESS E 70 FT FOR RD/RW-(9.75 AC) (OR 1922-1)

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Designer: Manager: MRY
Project Number: 20-110
Municipal Number: P17-004 A2
Computer File: Riverwalk Westmoreland Site Plan.dwg

Sheet: **1 of 2**



1. SIGN PER FIP-25
2. ALL LETTERS ARE 1" SERIES C
3. TOP PORTION OF SIGN SHALL HAVE A REFLECTORIZED BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER
4. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED WHITE BACKGROUND WITH BLACK LEGEND AND BORDER

VERIFY SIZE & COLOR OF LOGO & PAINT PER LOCAL REQUIREMENTS

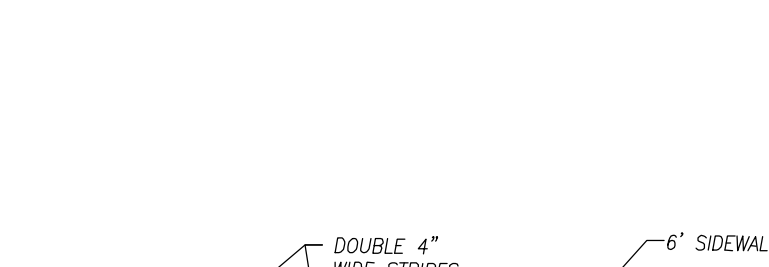
ACCESSIBLE SIGN Scale: nts



1. SIGN PER FIP-25
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4. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED WHITE BACKGROUND WITH BLACK LEGEND AND BORDER

VERIFY SIZE & COLOR OF LOGO & PAINT PER LOCAL REQUIREMENTS

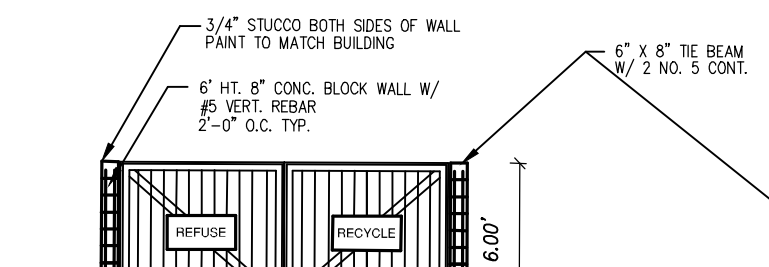
HANDICAP SPACE DETAIL Scale: nts



1. SIGN PER FIP-25
2. ALL LETTERS ARE 1" SERIES C
3. TOP PORTION OF SIGN SHALL HAVE A REFLECTORIZED BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER
4. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED WHITE BACKGROUND WITH BLACK LEGEND AND BORDER

VERIFY SIZE & COLOR OF LOGO & PAINT PER LOCAL REQUIREMENTS

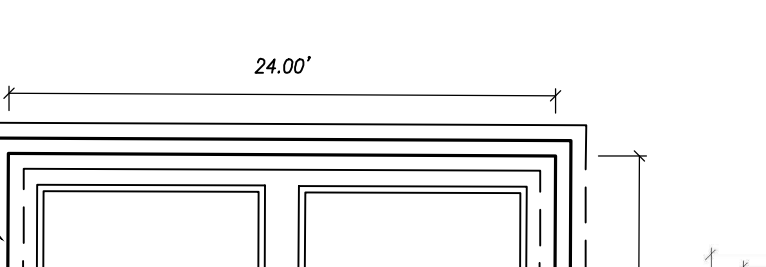
TYPICAL PARKING SPACE DETAILS Scale: nts



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4. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED WHITE BACKGROUND WITH BLACK LEGEND AND BORDER

VERIFY SIZE & COLOR OF LOGO & PAINT PER LOCAL REQUIREMENTS

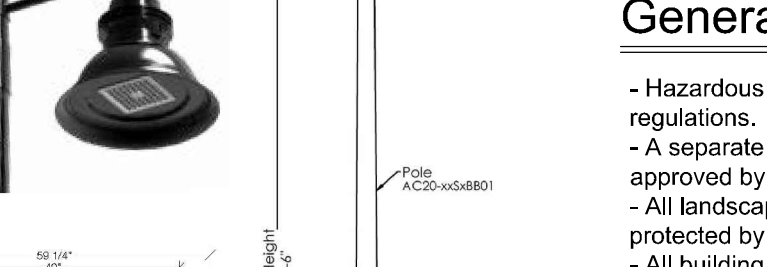
TRASH DUMPSTER & RECYCLING ENCLOSURE Scale: nts



1. SIGN PER FIP-25
2. ALL LETTERS ARE 1" SERIES C
3. TOP PORTION OF SIGN SHALL HAVE A REFLECTORIZED BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER
4. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED WHITE BACKGROUND WITH BLACK LEGEND AND BORDER

VERIFY SIZE & COLOR OF LOGO & PAINT PER LOCAL REQUIREMENTS

LIGHTING DETAIL Scale: nts

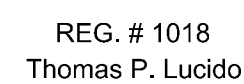


1. SIGN PER FIP-25
2. ALL LETTERS ARE 1" SERIES C
3. TOP PORTION OF SIGN SHALL HAVE A REFLECTORIZED BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER
4. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED WHITE BACKGROUND WITH BLACK LEGEND AND BORDER

VERIFY SIZE & COLOR OF LOGO & PAINT PER LOCAL REQUIREMENTS

LIGHTING DETAIL Scale: nts

Date: 02/02/2022 Time: 4:37:38 PM

[illegible]

2 of 2

10 37 40 S 1324.07 FT OF GOVT LOT 8 LYG E OF N FORK OF ST LUCIE RIV-LESS S
707.87 FT AND LESS E 70 FT FOR RD R/W- (12.87 AC) (OR 1641-1114)

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: St. Lucie County Sheriff's Office			
Department: Law Enforcement - Dive Team			
Project Title: Underwater Search and Recovery Team ROV FIND Project			
Project Director: J.T. Wills		Title:	Lieutenant
Project Liaison: <small>(if different from Director)</small>	Ken J. Mascara	Title:	Sheriff
Mailing Address:	4700 West Midway Road		
City: Ft. Pierce	Zip Code:	34981	
Email Address: grants@stluciesheriff.com	Phone #:	772-462-3359	
Project Address:	4700 West Midway Road, Ft. Pierce, FL 34981		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____

DATE: _____

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The St. Lucie County Sheriff's Office is the chief law enforcement agency for St. Lucie County. As a steward of navigable waters within St. Lucie County and the State of Florida, The St. Lucie County Sheriff's Office is applying for items for the improvements that directly impact the ability to locate and removed derelict, stolen vehicles and obstructions from waterways to include the Indian River lagoon and waterways within our community. This project will allow for the Underwater Search and Recovery Team to purchase a Remote Operated Vehicle (ROV) to search canals and waterways for derelict items that create waterway obstructions and safety issues for the public. The Sheriff's Office has a current Remote Operated Vehicle that has become outdated (12 years old) and is in need of replacement. The current ROV has been used in the past to help in the location and removal of two stolen vehicles and at least one unidentified vehicle discarded at three boat ramp areas in the past, which created boating hazards. Yearly, the Underwater Search and Recovery Team is called upon to locate stolen vehicles that have been discarded in canals and smaller waterways, which indeed create boating and environmental concerns directly effecting the public. With the approval of this grant and the purchase of a new improved ROV, the agency will increase the ability of locating and removing waterway hazards to protect both first responders and the public.

ATTACHMENT E-3 PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: St. Lucie County Sheriff's Office		Project Title: Underwater Search and Recovery Team ROV FIND Project	
Total Project Cost: \$ 110,160.00	FIND Funding Requested: \$ 55,080.00	% of Total Cost: 50%	
Amount of Applicant's Matching Funds:	\$55,080.00		
Source of Applicant's Matching Funds:	St. Lucie County Sheriff's Office Agency Budget		

1. **Ownership of Project Site (check one):** Own: ☐ Leased: ☐ Other: ☒

2. **If leased or other, please describe lease or terms and conditions:**

The county waterways are owned by the St. Lucie County Board of County Commissioners. The Sheriff is the lead law enforcement officer for the county and therefore, responsible for safety and security. The Sheriff's Underwater Search and Recovery Team insures public safety by keeping the waterways free of underwater hazards and contaminates that can be dangerous to the public.

3. **Has the District previously provided assistance funding to this project or site?** Yes ☐ No: ☒

4. **If yes, please list:**

N/A

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

The Remote Operated Vehicle (ROV) will be housed at the St. Lucie County Sheriff's Office administrative building. However, when deployed the ROV will be used in public waters throughout the county near boats ramps, boat slips, boardwalk etc..

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

No ramps, slips, parking spaces or other access features will be added by the project.

7. **Are fees charged for the use of this project?** No ☒ Yes ☐ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	No		
DEP	No		
ACOE	No		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Underwater Search and Recovery Team ROV FIND Project
Applicant:	St. Lucie County Sheriff's Office

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

~~17. Other waterway related projects.~~ Priority Project # 13. Waterway Boating Safety Programs and Equipment

- b) Explain how the project fits this priority category.**

The Sheriff's Office Underwater Search and Recovery Team will use the equipment to locate and assist in the removal of vehicles from waterways, which in return removes environmental contaminates and physical boating hazards from county waterways.

(For reviewer only) 45
Max. Available Score for application _____

Question 1. Range of Score (1 to ³ points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.**

This equipment will be used to identify and locate navigation hazards and the removal of contaminants in ICW waterways.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

This equipment will be used to identify and locate navigation hazards and the removal of contaminants increasing safety for those who use ICW waterways.

(For reviewer only)

(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

The public has access to a majority of the county waterways. The Underwater Search and Recovery Team identifies and locates waterway hazards such as vehicles that include chemical contaminants. The location and removal of these hazards improves and increases public access.

- b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

Local waterways include visitors from around the region and many are unfamiliar with the waterways. Public safety is critical for the Sheriff's Office and the removal of vehicles that are boating hazards provides for a safe and pleasureable boating environment for all visitors to the county. These vehicles also release chemical contaminants into the water, which is hazardous for both humans and wildlife.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

The St. Lucie County Board of Commissioners own and manage the county's waterway access areas. The waterways have speed zones, commercial access, and other restrictions for the safety of the public. The Sheriff's Office mission is to provide a safe environment for boaters and the natural resources in our county.

(For reviewer only)

(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.

Three Months after approval.

- b) Briefly explain any unique aspects of this project that could influence the timeline.

Equipment availability and delivery, but there are no expected significant delays for the equipment.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.

The total project costs is \$110,160. The agency is requesting an award of \$55,080. The Sheriff's Office will match the awarded funds in the amount of \$55,080.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.

There is no increased product cost for the equipment.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.

There are no fees associated with this project.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.

There are no fees.

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The overall project is necessary to maintain the safety of county waterways. The use of an ROV is critical is the location of underwater boating hazards. The agency's current ROV is over twelve years old and in the past five years the repair and maintenance cost has been approximately \$35,000. As technology continues to advance our current ROV will be obsolete. The purchase of a new ROV will allow for increased useage in various waterways and remote areas with limited access, not possible with the current ROV. The new ROV has the ability to operate in waterways that have moving water such as the areas near the inlet and Indian River Lagoon, due to updated thrust motors. Our old system has very limited use as it is inadequate in most cases where there is fast moving water. In addition, the old system must be shore power or generator powered to operate, while the new improved system has a small lanyard system and is battery operated, which makes it more resourceful and limitless for offshore useage.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The Sheriff's Office will maintain and pay for the any repairs and maintenance after the warranty period expires.

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

No

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4C
EVALUATION WORKSHEET
LAW ENFORCEMENT & BOATING SAFETY PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A LAW
ENFORCEMENT OR BOATING SAFETY PROJECT

7) VIABILITY:

- c) Describe how the project will address particular public health, safety, or welfare issues of the Navigation District's Waterways.**

The St. Lucie County Sheriff's Office Underwater Search and Recovery Team will use the ROV to locate discarded objects to include vehicles. It is common practice for boat ramps to be used in discarding the vehicles. Depending on the depth of the water these obstructions could damage vessels and also cause a safety risk. In addition the removal of these vehicles will decrease environmental hazards. Please Note: in the past few years we have removed atleast three vehicles that were discarded by driving them down boat ramps.

- d) How does the project provide significant benefits or enhancements to the District's Waterways?**

By removing environmental and safety hazards this will directly and indirectly benefit the marine life and the safety of the public.

(For reviewer only)
(1-3 points)

8) EXPERIENCE & QUALIFICATIONS:

- a) List the personnel tasked with the implementation of this project, their qualifications, previous training and experience.**

Lt. Jamie Wills, is a 32 year veteran of the St. Lucie County Sheriff's Office and the Dive Team commander with 25 plus years as a Diver and supervisor. He will be responsible for training and the scheduling of the pro active use and response to dive scenes where the ROV will be used. Certifications include Public Safety Diver and Med Dive.

- b) Have the personnel participated in or received state marine law enforcement training?**

The St. Lucie County Sheriff's Office Underwater Search and Recovery Team consists of certified Law Enforcement and Correction Deputy Sheriff's.

(For reviewer only)
(1-2 points)

9) DELIVERABLES:

- a) Describe the anticipated, long-term measurable results of implementing this project.**

The use of the ROV will provide an estimated ten years of service life, which will assist in the removal and recovery of an untold number of discarded and/or stolen vehicles over in our county waterways.

- b) What is the range or area of coverage for this project? Please provide a map of the coverage area.**

The St. Lucie County Sheriff's Office Underwater Search and Recovery Team has been requested to assist neighboring counties such as Indian River and Martin County in the past. The agencies current Memorandum of Understanding (MOU) also includes Okeechobee. In the past, the dive team has assisted FWC with evidence documentation.

- c) Does the project fulfill a particular community need?**

This project will aid in the maintenance of safe waters by removing physical and environmental hazards. The County has several large waterways and inland canal areas that are used for recreational purposes. This project provides for public safety.

For reviewer only)
(1-4 points)

10) EDUCATION:
a) What are the educational benefits (if any) of this proposed project?

The St. Lucie County Sheriff's Office Underwater Search and Recovery Team conducts displays at several community events, to include job fairs, marine based community events and agency sponsored citizens academies during the year.

b) How does the project or program provide effective public boating education or expand boater safety?

The St. Lucie County Sheriff's Office Underwater Search and Recovery Team will provide an invaluable service by assisting in the removing of environmental hazards to marine life and also remove obstructions to water ways (vehicles) within the county. This equipment would be also used in the location of sunken and discarded vessels that may also cause a boating hazard.

(For reviewer only)
(1 -3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Underwater Search and Recovery Team ROV FIND Project
Applicant:	St. Lucie County Sheriff's Office

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost <i>(To the nearest \$50)</i>	FIND Cost <i>(To the nearest \$50)</i>
1 - Remote Operated Vehicle ROV	110,160.00	55,080.00	55,080.00

**TOTALS =	\$ 110,160.00	\$ 55,080.00	\$ 55,080.00
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ATTACHMENT E-6 PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Underwater Search and Recovery Team ROV FIND Project
Applicant:	St. Lucie County Sheriff's Office

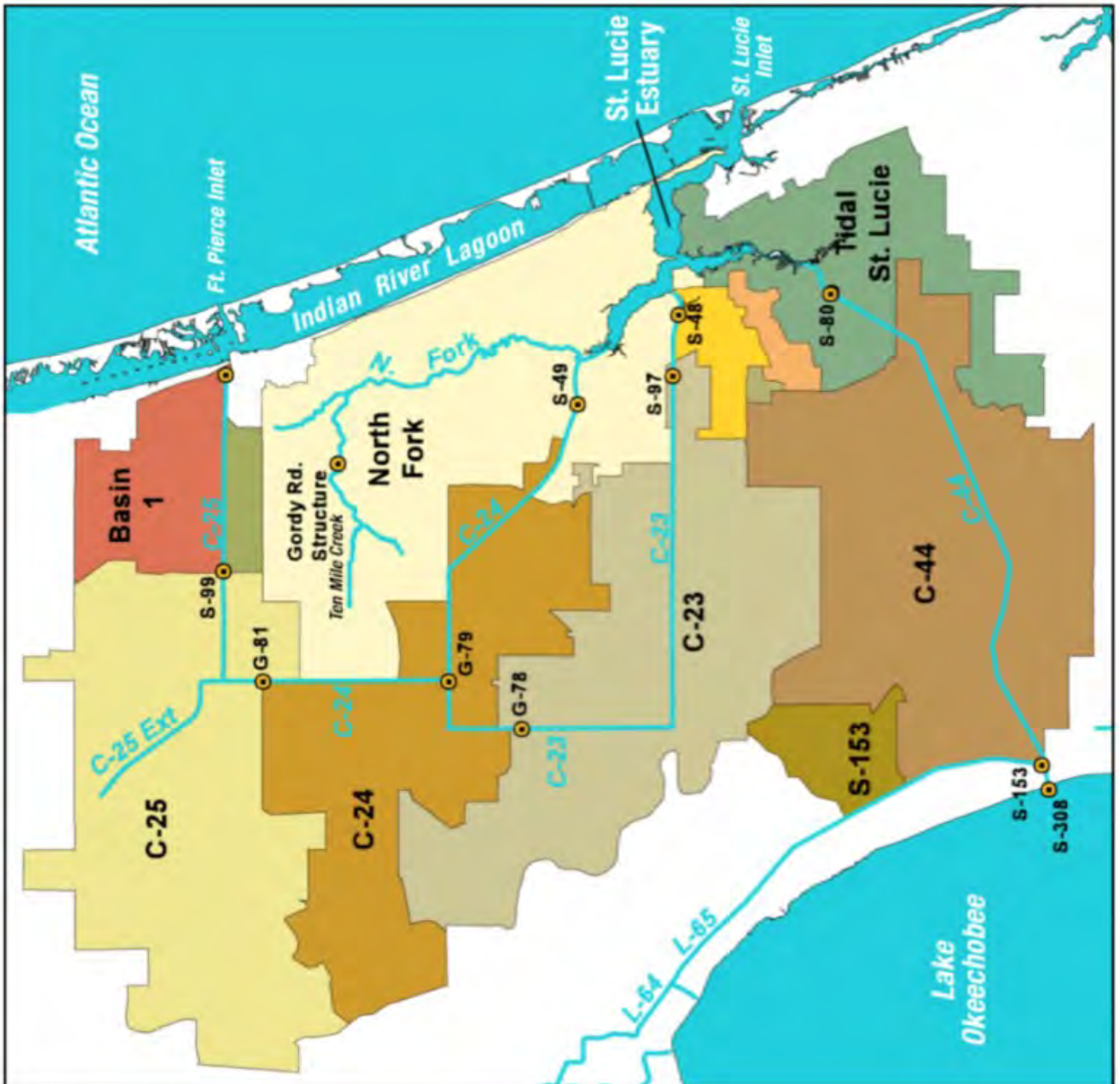
The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
October 2023	Project awarded and contract executed
October 2023	ROV procurement process began - Equipment ordered.
November 2023	ROV delivered and invoice paid
December 2023	Reimbursement report submitted to FIND. Progress report submitted to FIND.
January - March 2024	ROV deployed as needed. Monthly Progress reports submitted to FIND
April - June 2024	ROV deployed as needed. Monthly Progress reports submitted to FIND
July - September 2024	ROV deployed as needed. Monthly Progress reports submitted to FIND
September 2024	Final reports completed and submitted. Grant closeout completed.



St. Lucie Estuary Watershed



ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Fort Lauderdale			
Department: Parks and Recreation			
Project Title: Cooley's Landing Marina Renovation			
Project Director: Greg Chavarria		Title:	City Manager
Project Liaison: <small>(if different from Director)</small>	Jonathan Luscomb	Title:	Marine Facilities Supervisor
Mailing Address:	450 S.W. 7th Ave		
City: Fort Lauderdale, FL	Zip Code:	33312	
Email Address: jluscomb@fortlauderdale.gov	Phone #:	954-828-5343	
Project Address:	450 S.W. 7th Ave, Fort Lauderdale, FL 33312		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: 
Greg Chavarria (Mar 27, 2023 10:16 EDT)

DATE: Mar 27, 2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The Cooley's Landing Marina opened around 1993. The marina is comprised of 30 slips, which accommodate smaller yachts of 50' and less. There are also three boat launch ramps, public restrooms and a comfort station which provide showers, restrooms, laundry facilities and a lounge. The marina sits in a quaint historic district of the city known as "Sailboat Bend". The marina is constructed using pressure treated pine decking and support structures, CCA pilings and pre-stressed concrete pilings which support the finger piers. Each slip provides electric, water, phone, CATV and pump out. Free WIFI is also provided. The project elements consist of a complete replacement of all docks and finger piers, upgraded electric, water and pump out service as well as raising the seawall to keep up with higher tides. No work will be on the launch ramps. The marina's configuration/layout will not change as there is no room for expansion or the use of floating docks. Composite decking is planned.

ATTACHMENT E-3 PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Fort Lauderdale	Project Title: Cooley's Landing Marina Renovation	
Total Project Cost: \$ 3,000,000	FIND Funding Requested: \$ 1,500,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	1,500,000	
Source of Applicant's Matching Funds:	City Parks Bond and other Grants and General Fund	

1. **Ownership of Project Site (check one):** Own: ☒ Leased: ☐ Other: ☐

2. **If leased or other, please describe lease or terms and conditions:**

N/A

3. **Has the District previously provided assistance funding to this project or site?** Yes ☒ No: ☐

4. **If yes, please list:**

BR-FL-08-82 (\$218,545) BR-FL-89-4 (\$150,000) BR-FL-90-7 (\$96,800)

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

There are 3 boat launch ramps, 30 Boat Slips (+/- 930 L.F.) and 19 trailer parking spaces.

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

None. Facility is already at maximum footprint.

7. **Are fees charged for the use of this project?** No ☐ Yes ☒ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	N/A		
DEP	N/A		
ACOE	N/A		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Cooley's Landing Marina Renovation
Applicant:	City of Fort Lauderdale

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

7. Acquisition, dredging, shoreline stabilization and development of public boat docking and mooring facilities.

- b) Explain how the project fits this priority category.**

Cooley's Landing is a competitively priced municipally owned public marina offering docking facilities on a first-come-first-served basis.

(For reviewer only) _____ 47
Max. Available Score for application _____

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.**

The replacement of this marina maintains well established and popular public waterway access to the District's Waterways.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

Public access is well established already at this site and the public benefit will be to maintain the public's access to the ICW and joining area waters.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

The project improves local and transient boater access to area waters and to local businesses. By replacing and updating this marina and its amenities, more boaters will visit the marina and avail themselves to local businesses and attractions.

- b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

Cooley's Landing is a small and busy marina. It accommodates the local public by providing long term docking opportunities for local boaters who use the waterways, but do not have private waterfront dock space of their own. The marina also is visited by many transient boaters from other states and other Florida counties. Visiting boaters total approximately 200 per year.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

This site sits on the north bank of the New River and is in a slow speed zone. Commercial use like boat rentals, fishing/dive charters is not allowed because the marina part of a public park, has limited parking and is surrounded by residentially zoned areas. Some limited commercial storage is allowed, but no business can be transacted in the marina.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

Design is complete as the renovation will be a piling for piling replacement and no environmental permitting is required. Once all funding is in place, work will begin in the summer of 2024 and be completed summer of 2026.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

No unique aspects are expected to influence the project time line.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

The City has match funding available. Other expected grant sources are the Broward Boating Improvement Program and the Land and Water Conservation Fund combined if awarded approximately \$1M.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

Project costs may increase due to high inflationary pressures in today's economy.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

The City charges dock fees on a per foot / per day basis depending on length of vessel and length of stay. The most recent (October 1, 2022) rate sheet is attached.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

Fees are charged for dockage and utilities. The fees go to the Parks Fund and are used to support Parks and annual marine facility maintenance. The latest area rate survey (September 2022) is attached.

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:

- a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

Cooley's Landing Marina provides lower priced docking facilities for vessels under 50'. Other Facilities can provide this also, but many target larger vessels, which command higher fees and load the sites with many amenities such as gyms, restaurants and fuel sales aimed at enhancing "value", but that drives pricing up beyond many small boaters reach or interest. Cooley's Landing offers nice necessities at a reasonable price.

- b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.**

The marina has been very well maintained for nearly 30 years through annual marine facilities re-cap contracts (piling and seawall repairs) and repairs and annual maintenance budgeting. Some repairs are done internally through a work order system with Facilities Maintenance (landscaping, plumbing, carpentry, mechanical and electrical). Internal staff does cleaning, painting, pressure washing and pump out system for example.

- c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?**

No it is not. City Marine Facilities, which include boat ramps, are in the Press Play Fort Lauderdale s Strategic plan 2024 advancing Public Places Goal 3: "Improve access to and enjoyment of our beach, waterways, parks and open spaces for everyone"

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

**ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS**

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
If permits are NOT required, explain why not.**

Original permits are in place and still apply according to Broward County, FDEP and USACOE. This will be a piling for piling replacement of the existing marina.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

N/A

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

None have been identified.

*(For reviewer only)
(1-4 points)*

8) PROJECT DESIGN:

- a) **Has the design work been completed?**
If this is a Phase I project, has a preliminary design been developed?

Design is complete.

- b) **Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

Potential Environmental impacts and water quality is expected to improve due to the planned sewage pump out system upgrades (through CVA Grants). It is expected that the upgrade will increase system ease of use and increase frequency of system use.

(For reviewer only)
(1-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) **Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

The project will be typical CCA piling, stringer and a composite decking dock system. The existing pre-stressed concrete pilings will be pulled, surveyed and re-used if possible. The existing seawall cap will be raised to the minimum required by City code of 3.9' NAVD88. The City code was changed in 2016 to address climate change and address sea level sea level rise.

- b) **What is the design life of the proposed materials compared to other available materials?**

25-30 Years for planned materials. If composite pilings were used for example, the life expectancy could double.

(For reviewer only)
(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

The Facility accepts used oil for recycling. It is also designated a Clean Marina by the Florida DEP and Clean Boating Partnership. The Marina office and lounge have kiosks displaying FDEP literature about Boater Best Management Practices like using environmentally friendly detergents and boat soaps. Even though no fueling of any kind is permitted, an emergency spill kit is on site ready to deploy if needed in case of a fuel leak. The use of sustainable decking, sewage pump out improvements and raising the seawall speak to the sites sustainability and commitment to good stewardship.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

The marina will be raised to match the new seawall elevation and the boat ramp parking areas will be re graded to higher elevations to eliminate flooding issues that exist today. Regrading is not part of this project, but will be part of another simultaneously occurring project including Park Improvements.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

Form No. 91-25A

Rule 66B-2.005 (Effective Date: 3-21-01, revised 4-24-06, 1-27-14)

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Cooley's Landing Marina Renovation
Applicant:	City of Fort Lauderdale

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost <i>(To the nearest \$50)</i>	FIND Cost <i>(To the nearest \$50)</i>
Engineering	133300	66650	66650
Mobilization/Demobilization	133300	66650	66650
Demolition	465500	232750	232750
Seawall	598500	299250	299250
Marina Construction	1669400	834700	834700

**TOTALS =	\$ 3000000	\$ 1500000	\$ 1500000
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ATTACHMENT E-6
PROJECT TIMELINE
 WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Cooley's Landing Marina Renovation
Applicant:	City of Fort Lauderdale

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
 (or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

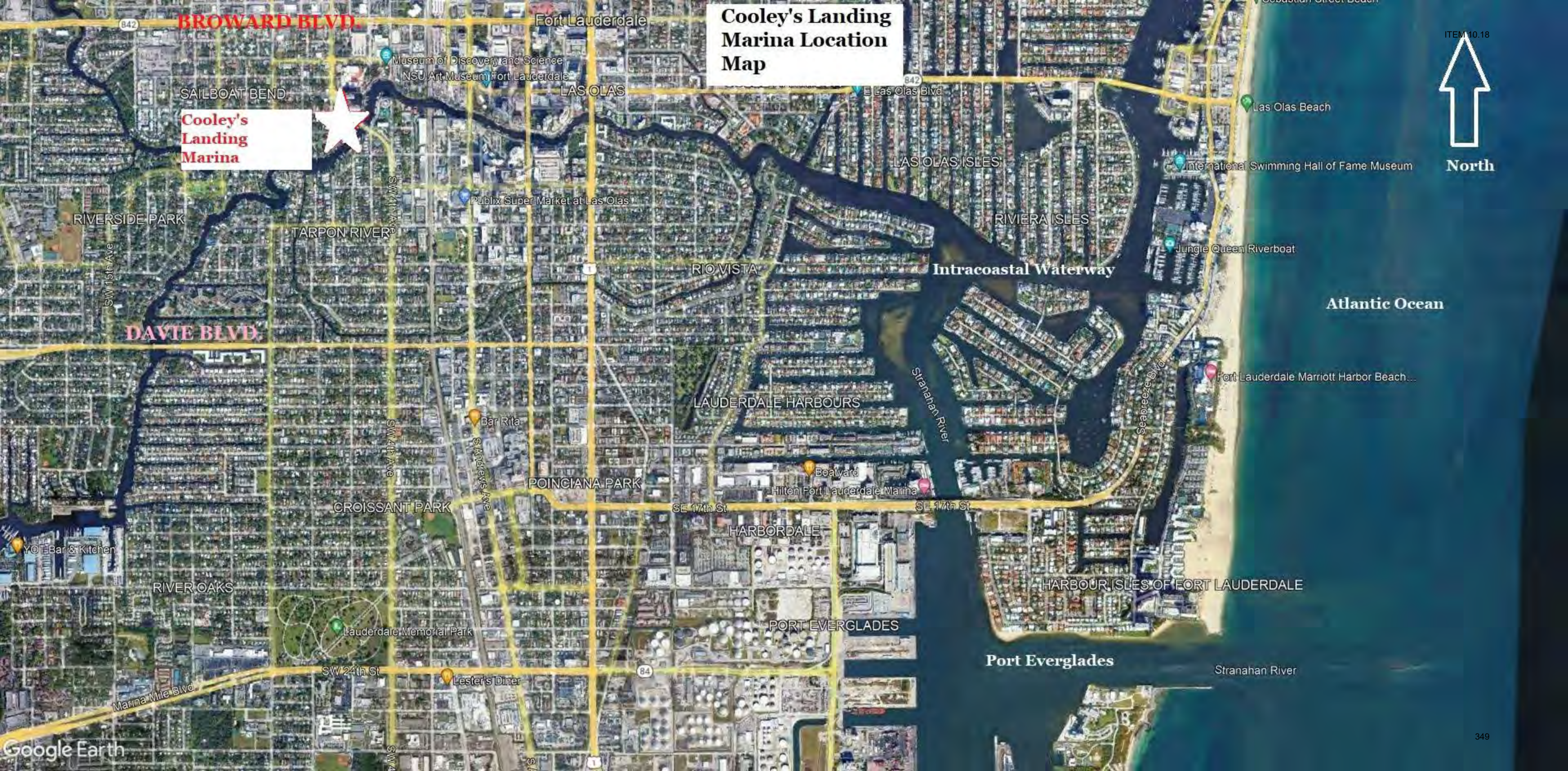
Date	Component
January 2025	Bid Packet Draft
March 2025	Bid Packet Release
May 2025	Open Bids
August 2025	Award Contract
October 2025	Mobilization
November 2025	Demolition
December 2025 / January 2026	Seawall
February - April 2026	Marina Contruction
June 2026	Project Completion and Demobilization

Cooley's Landing Marina Slip Replacement Project

Location Map

Project Location
Broward County





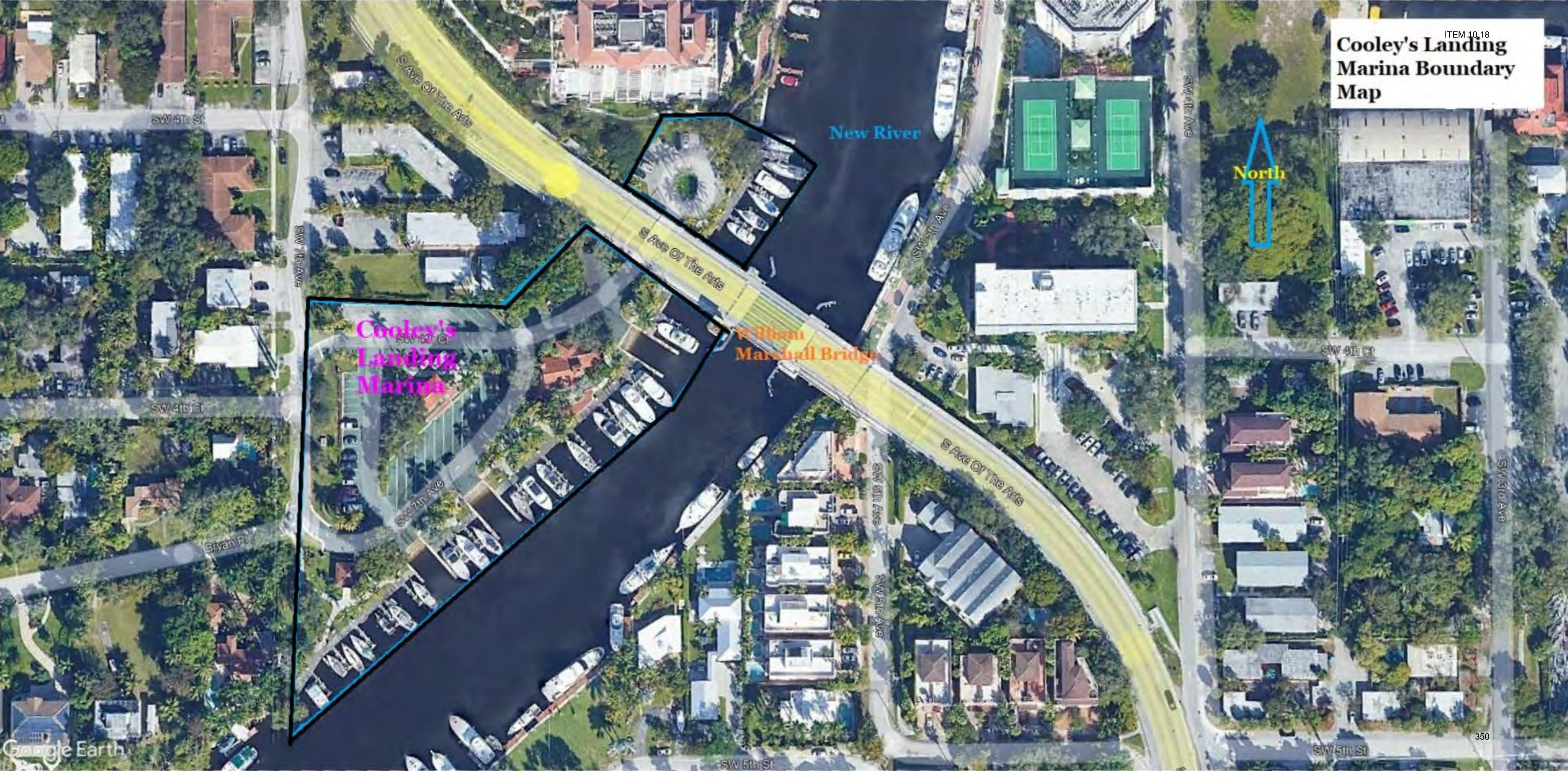
Cooley's Landing Marina Location Map

Cooley's Landing Marina



ITEM 10.18

ITEM 10.18
**Cooley's Landing
Marina Boundary
Map**





—NOT INCLUDED IN THIS SURVEY

LOT 14
P.R. 3 PAGE 78 (DADE)

LOT 16
P.B. 3 PAGE 78 (DADE)

LOT 18
P.B. 9 PAGE 78 (DADB)

N 88°04'02" E 239.97' (CFT)

LOT 17
P. 2 & PAGE 78 (DANE)

S.W. 7th AVENUE

S.W. 7th AVENUE

N 87° 54' 25" E

[illegible]

100

and Design

CITY OF FORT LAUDERDALE

SEE SURVEY NOTES IN

LEND:	
AGE	AIR CONDITIONER UNIT
REACH	REACHING
CG	CALCULATED
CG	CONCRETE C (SUSPENDED)
(CT)	GEOMATIC INSTRUMENT BASED ON FIELD SURVEY
(CT)	AND CALCULATED FIELD THICKNESS
E	
DELA	MISSISSIPPI COUNTY RECORDS
FLV	ELEVATION
FLV	FLOW DIRECTION
IN	IRON PIPE
IN	IRON ROD
IN	IRON ROD AND SURVEY CAP
LI	UNSATURATED SUBSTRATE
LI	UNSATURATED SUBSTRATE
MBG	MANHOLE
MBG	PIPE IN BOTTLE CAP
MBG	MAN IN ASPHALT
MBG	MAN IN CONC
MBG	OVERPAVED PAVES
MBG	CONCRETE SURFACE BASED ON PLAN OF RECORD
PC	PLAN BOOK
PC	PROFESSIONAL DIRECTION POINT
PC	PLAN
PC	POLYETHYLENE CHLORIDE
PC	PROFESSIONAL SURVEYOR AND MAPPER
(PC)	INFORMATION BASED ON REFERENCE LEGAL DESCRIPTION

SURVEY NOTES:

[illegible]

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Fort Lauderdale			
Department: Fort Lauderdale Police Department (FLPD)			
Project Title: Fort Lauderdale Police Department Marine Outboard Motor Replacement Project (Boat #14)			
Project Director: Travis O'Neal		Title:	Sergeant
Project Liaison: <small>(if different from Director)</small>	Dayna Bhaggan	Title:	Public Safety Grants Manager
Mailing Address:	1300 West Broward Boulevard		
City: Fort Lauderdale	Zip Code:	33324	
Email Address: dbhaggan@fortlauderdale.gov	Phone #:	954-828-5284	
Project Address:	1300 West Broward Boulevard, Fort Lauderdale FL 33324		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____

DATE: _____

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

This project seeks to obtain one set of outboard motors to replace old and malfunctioning engines on Boat #14 operated by the Fort Lauderdale Police Marine Unit. The Marine Unit is responsible for the public safety coverage of 165 miles of navigable waterways including the Atlantic Intracoastal Waterway, the Fort Lauderdale Beach, and an expansive network of canals. The current engines have incurred excessive hours and are out of warranty. As such, the proposed request of \$45,095 in FIND funding will be used to towards the total cost to replace the current engines installed on Boat #14. The City of Fort Lauderdale will meet the 50% match as required by this grant by allocating \$45,095 in city funds from the Fort Lauderdale General Fund. Acquisition of the motors will permit the Police Marine Unit to continue patrols and provide public safety services to those that use the waterways for business and/or recreation.

ATTACHMENT E-3 PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Fort Lauderdale	Project Title: Fort Lauderdale Police Marine Unit Outboard Motor Replacement Project (Boat #14)	
Total Project Cost: \$90,190	FIND Funding Requested: \$45,095	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$45,095	
Source of Applicant's Matching Funds:	Fort Lauderdale General Fund	

1. **Ownership of Project Site (check one):** Own: ☐ Leased: ☐ Other: ☒

2. **If leased or other, please describe lease or terms and conditions:**

N/A

3. **Has the District previously provided assistance funding to this project or site?** Yes ☒ No: ☐

4. **If yes, please list:**

We have been fortunate enough to obtain FIND WAP funds in FY14, FY15, FY16, FY17 and FY2021.

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

N/A

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

N/A

7. **Are fees charged for the use of this project?** No ☒ Yes ☐ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	N/A		
DEP	N/A		
ACOE	N/A		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Fort Lauderdale Police Marine Unit Outboard Motor Replacement Project (Boat #14)
Applicant:	City of Fort Lauderdale

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application. (The application may only be of **one** type based upon the predominant cost of the project elements.)

14. Waterways boating safety programs and equipment

- b) Explain how the project fits this priority category.

This project seeks funding to assist the Fort Lauderdale Police Department (FLPD) Marine Unit in acquiring one set of outboard engines to replace existing equipment that has incurred excessive hours and is out of warranty. Securing new engines will facilitate the safe and efficient operation of Boat #14 for waterway patrols along the Intracoastal Waterway, our numerous canals and the Fort Lauderdale beach.

(For reviewer only)
Max. Available Score for application 45

Question 1. Range of Score (1 to 3 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.

This project relates to FIND's mission by supporting the Fort Lauderdale Police Department's ability to provide routine law enforcement and waterway safety patrols for citizens and visitors utilizing the ICW's rights of way and those of its adjoining waterways.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

This project supports the ability to conduct marine law enforcement patrols which help to ensure the maintenance of a safe and navigable ICW and adjoining waterways.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access.
 Estimate the amount of total public use.

The requested outboard engines will ensure that FLPD's ability to provide reliable daily marine law enforcement patrols. In FY2021/2022, the Marine Unit performed approximately 10,060 patrols hours along our jurisdictional waterways. The Marine Unit maintains daily logs of the number of public contacts, boating safety inspections, accidents, citations issued and other quantifiable public safety services.

- b) Discuss the regional and local public benefits provided by the project.
 Can residents from other counties of the District reasonably access and use the project? Explain.

The requested engines will ensure FLPD's ability to provide reliable marine patrols daily which benefits the public by providing boater education information and assistance; conducting safety inspections, marine law enforcement and accident investigations, providing high visibility patrols during major events (e.g. Winterfest Parade and the Fort Lauderdale International Boat Show). Additionally, FLPD provides assistance to the Florida Fish and Wildlife Commission, the United States Coast Guard, Customs and Border Protection, Broward Sheriff's Office, Miami Dade County and many other jurisdictions.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

FLPD's Marine Unit will conduct law enforcement patrols that includes the monitoring and enforcement of speed zones to curtail any unsafe activities along public boat ramps and ensure the general compliance of local ordinances.

(For reviewer only)

(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.

The engines on Boat #14 are over 5 years old, out of warranty and major repairs are no longer covered by the manufacturer. Annually, Boat #14 averages 700 hours. Replacement engines can be installed within 1 year of contract execution.

- b) Briefly explain any unique aspects of this project that could influence the timeline.

FLPD does not anticipated any unique circumstances that would negatively impact the anticipated project timeline.

(For reviewer only)

(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.

The proposal seeks to fund 50% of the cost of one set of boat motors. On March 8th, 2023, the Fort Lauderdale City Commission approved a motion to dedicate the required matching funds should this project be successful.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.

The project budget was based on the cost estimate of one set of outboard motors that was quoted in January 2023. There is no anticipated change in costs as this time; however, should that occur, the City of Fort Lauderdale shall absorb any increases.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.

N/A

d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.

N/A

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:

- a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?

Marine commerce and recreation are among the leading industries in greater Fort Lauderdale/Broward County. With over 165 miles of navigable waterways, Fort Lauderdale serves as primary host to a variety of aquatic-related businesses and activities. These include marinas, waterfront establishments, charter cruises and boat manufacturing, repair and storage facilities. Additionally, the City is host to the Fort Lauderdale Air Show, the Fort Lauderdale International Boat Show and the Winterfest Boat Parade. As a result of the plethora of marine businesses and recreational activities occurring within our uniquely situated municipality, the City of Fort Lauderdale regards marine law enforcement patrols as highly essential to ensuring the safety of our waterways and maintaining overall public safety without jurisdiction. Without safe and reliable equipment, FLPD's Marine Unit will not be able to perform their duties and provide a safe environment for boaters or other persons enjoying the waterways.

- b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

Each year the City of Fort Lauderdale enters into an annual agreement with a local marine vendor to provide maintenance on all marine vessels and outboard motors. As a result, the newly acquired boat engines will be routinely serviced.

- c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

This project will help to ensure a safe and secure environment for citizens and visitors utilizing the ICW and its adjoining waterways. This is in alignment with the City's long term strategic plan – *Fast Forward Fort Lauderdale* – specifically Goal 3: *Be a Community that finds opportunities and leverages partnerships to create unique, inviting and connected gathering places that highlight our beaches, waterways, urban areas and parks.*

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4C
EVALUATION WORKSHEET
LAW ENFORCEMENT & BOATING SAFETY PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A LAW
 ENFORCEMENT OR BOATING SAFETY PROJECT

7) VIABILITY:

- c) Describe how the project will address particular public health, safety, or welfare issues of the Navigation District's Waterways.

The requested engines will provide the Marine Unit with vital operational equipment necessary to continue providing a safe environment for boaters and other recreational users of the District's Waterways. This will be accomplished through the provision of routine law enforcement activities such as detection and apprehension of impaired boaters or those who do not obey manatee, idle, and slow speed zones; thereby protecting the health, safety and welfare of the public. This project will also enhance the safety of the public thru the provision of boater education, assistance and safety inspections.

- d) How does the project provide significant benefits or enhancements to the District's Waterways?

Without the engines, the Marine Unit will be limited in its ability to contribute to a safe boating environment. High visibility patrols function as a deterrent to negate or dangerous behavior (e.g. speeding or boating under the influence) and also permit law enforcement to engage in citizen contacts to conduct safety inspections, provide boaters education and/ or assistance and distribution of personal flotation devices (PFDs) to children as necessary. (PFDs are provided by the Broward County Marine Advisory Committee).

(For reviewer only)
(1-3 points)

8) EXPERIENCE & QUALIFICATIONS:

- a) List the personnel tasked with the implementation of this project, their qualifications, previous training and experience.

The current Fort Lauderdale Marine Unit supervisor, Travis O'Neal, has been a sergeant for eight years and previously was assigned to the Marine Unit as an officer for four years. He will serve as project director for the FIND project and will liaise with the police department's Grants Manager and City Procurement Department in order to comply with the requirements of the grant.

- b) Have the personnel participated in or received state marine law enforcement training?

Sergeant Travis O'Neal has been a supervisor for eight years and was previously assigned to the Marine Unit as an officer for four years. He also served as an auxiliary/part time Marine Unit officer for seven years and has obtained his Captain's License. His specialized training includes: Search and Rescue (USCG Aux), Open Water Rescue, High Value Asset Protection and Vessel Pursuits (NASBLA).

(For reviewer only)
(1-2 points)

9) DELIVERABLES:

- a) Describe the anticipated, long-term measurable results of implementing this project.

By implementing this project, FLPD will be able to perform marine law enforcement activities along the ICW and adjoining waterways seven days per week.

- b) What is the range or area of coverage for this project? Please provide a map of the coverage area.

FLPD patrols the ICW from Port Everglades to Port Royal Dr. (6400 N. ICW), including all adjoining waterways. For a total of 165 miles of navigable waterways.

- c) Does the project fulfill a particular community need?

Through the administration of this project, the public will benefit from the Marine Unit's ability to provide daily law enforcement services along the ICW, which enhances the safety of all persons that utilize the waterways and also increases boater education/awareness of marine laws.

For reviewer only)
(1-4 points)

10) EDUCATION:

a) What are the educational benefits (if any) of this proposed project?

The acquisition of the replacement engines will enhance the Marine Unit's ability to perform daily routine patrols of the ICW and adjoining waterways. During the course of the patrols, officers educate the boating public and others via citizen contacts, issuance of warnings and citations, distribution of boating safety materials, conducting vessels stops and inspections, and responding to accidents and other calls for service.

b) How does the project or program provide effective public boating education or expand boater safety?

The acquisition of the replacement engines will enhance the Marine Unit's ability to perform daily routine patrols of the ICW and adjoining waterways, during the course of which officers make contact with boater operators and others travelling on or along the waterways. Officers use these interactions to educate the public on safe marine practices, distribute the Boaters Safety Guide and PFDs to children without one or in possession of one in poor condition (as provided by the Broward County Marine Advisory Committee), and issue warnings or citations if applicable.

(For reviewer only)
(1 -3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Fort Lauderdale Police Marine Outboard Motor Replacement Project (Boat #14)
Applicant:	City of Fort Lauderdale

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Marine Outboard Engines (Boat #14)	\$90,190.00	\$45,095.00	\$45,095.00

**TOTALS =	\$ 90,190.00	\$45,095.00	\$ 45,095.00
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ATTACHMENT E-6 PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Fort Lauderdale Police Marine Outboard Motor Replacement Project (Boat #14)
Applicant:	City of Fort Lauderdale

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
2023 October – December	City Commission approves grant acceptance.
2024 January – March	FIND agreement is fully executed by all parties.
2024 March – April	City Procurement issues purchase order.
2024 May – December	Engines are installed on Boat #14.
2025 January	Project close out documents are submitted.

ATTACHMENT E-2**APPLICANT INFORMATION & PROJECT SUMMARY**

WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Lighthouse Point (PD)			
Department: Lighthouse Point Police Department			
Project Title: Lighthouse Point Police Department Vessel/Hull replacement Project			
Project Director: Chris Oh		Title:	Commander
Project Liaison: <small>(if different from Director)</small>		Title:	
Mailing Address:	3701 NE 22 Ave		
City: Lighthouse Point	Zip Code:	33064	
Email Address: coh@lighthousepoint.com	Phone #:	954-942-8080	
Project Address:	3701 NE 22 Ave, Lighthouse Point, Florida 33064		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____



DATE: _____

02/17/23

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The Lighthouse Point Police Department has one marine patrol vessel. The current vessel is a 2002 Intrepid 28 foot center console. This vessel was acquired by Lighthouse Point PD in 2010 after serving with Hollywood PD for 8 years. As the only boat in our fleet, the vessel is used exclusively to patrol our waterways the ICW and the Hillsboro inlet on a daily basis. The vessel/hull has been re-powered several times and is approaching its end of life as a work vessel. After 21 years of continuous police service, and several refurbishments, we are experiencing age related issues, wiring has become brittle to the touch and is failing. The vessel is experiencing cracks in the hull, stringers and transom. The gas tanks are in need of replacement at an extensive cost as they are located inside the hull. Given the City's current budget restraints, I am requesting financial assistance utilizing the 2023 Waterways Assistance Program Grant to fund 46.5% or \$75,000.00 of the purchase of a new hull, a Fluid Watercraft Patrol 29 and associated equipment. As part of the project we will be moving our current engines and electronics to the new hull as a cost saving measure. The City of Lighthouse Point (PD) will meet the grants required 50% at (53.5%) match of \$86,083.20 including trade of the current hull \$22k, \$55k Foundation award, and \$9083.20 from the cities general fund. The funding under this grant will ensure our ability to provide reliable marine law enforcement patrols and increased public safety of the ICW and its adjoining waterways in the coming years.

ATTACHMENT E-3 PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Lighthouse Point (PD)	Project Title: Lighthouse Point Police Department Vessel/Hull replacement Project	
Total Project Cost: \$ 161,083.20	FIND Funding Requested: \$ 75000.00	% of Total Cost: 46.5
Amount of Applicant's Matching Funds:	86083.20	
Source of Applicant's Matching Funds:	City of Lighthouse Point General Fund James C. Acheson Foundation Trade of current vessel/hull	

1. **Ownership of Project Site (check one):** Own: ☐ Leased: ☐ Other: ☒

2. **If leased or other, please describe lease or terms and conditions:**

N/A

3. **Has the District previously provided assistance funding to this project or site?** Yes ☒ No: ☐ ☐

4. **If yes, please list:**

In 2021 the City of LHP received 22,536.93 for 50% match to re-power our current vessel with Yamaha 250hp outboards that are still useful and will be transferred onto the new hull. This will ultimately save money for this project.

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

N/A

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

N/A

7. **Are fees charged for the use of this project?** No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	N/A		
DEP	N/A		
ACOE	N/A		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Lighthouse Point Police Department Vessel/Hull replacement Project
Applicant:	City of Lighthouse Point (PD)

1) PRIORITY LIST:

- a) **Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

13. Waterway boating safety programs & equipment.

- b) **Explain how the project fits this priority category.**

This project seeks funding for 46.5 % of the cost to assist the Lighthouse Point Police Department in replacing the hull of our only patrol vessel through the matching grant program for waterway equipment. This new vessel will allow us to continue to provide boating safety programs, equipment and a law enforcement presence on the waterways for years to come.

(For reviewer only)

Max. Available Score for application 45

Question 1. Range of Score (1 to 3 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.**

This project supports FIND's mission by supporting the City of Lighthouse Point Police Department's ability to provide routine law enforcement patrols and a safe environment for citizens and visitors utilizing the ICW's rights of way and those of its adjoining waterway.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

This project supports the ability to conduct marine law enforcement patrol which helps to ensure the maintenance of safe and navigable ICW and adjoining waterways.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

The requested assistance in purchasing a new hull will ensure Lighthouse Point PD's ability to provide reliable law enforcement marine patrol coverage 365 days a year along our jurisdictional waterways. Our Marine Unit patrols our waterways, makes public contacts, conducts safety inspections, handles waterway accidents, enforces wake violations and other public safety services to the boating community.

- b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

The daily patrols provided by the Lighthouse Point Police Department benefit both LHP residents and others who navigate our waterways. Our marine patrol officers will strive to keep our waterways safe for all to enjoy by making public contacts, conduct safety inspections, handle waterway accidents, enforce wake violations, respond to rescues, and other public safety services to the local and transient boating community.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

N/A

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

2023 Oct: City Commission approves FIND grant agreement and its fully executed
 2023 Oct: City will execute purchase order for the purchase of the Vessel/Hull
 2023 Nov: City takes possession of the new vessel/hull/ engines added
 2024 Feb: Project is completed and closeout documents are submitted to FIND

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

The Lighthouse Point Police Department does not anticipate any unique circumstances that would negatively impact the anticipated project timeline.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

James C. Acheson Foundation \$55,000
 City of Lighthouse Point trade in of current vessel, \$22,000
 FY 23/24 City of Lighthouse Point Capital fund \$9,083.20

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

The project cost is based on a quote that is valid through December 2023. It is not anticipated that the cost of the vessel/hull will change.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

N/A

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:

- a) **Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The project will help to ensure a safe and secure boating environment in Lighthouse Point for citizens and visitors utilizing the ICW and its adjoining waterways. Lighthouse Point is adjacent to the Hillsboro Inlet. We are one of the busiest (high traffic) boating areas in Broward County. Our Police presence provides a safe environment and sense of security for everyone who passes through Lighthouse Point and the Hillsboro Inlet.

- b) **Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.**

The City of Lighthouse Point maintains a service agreement with a local marine maintenance repair and vendor for any repairs or service that is beyond our ability. We schedule our vessel for routine maintenance and perform necessary repairs on the boat, motors, and equipment as needed. We also budget for unanticipated repairs.

- c) **Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?**

N/A

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4C
EVALUATION WORKSHEET
LAW ENFORCEMENT & BOATING SAFETY PROJECTS
 WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A LAW
 ENFORCEMENT OR BOATING SAFETY PROJECT

7) VIABILITY:

- c) Describe how the project will address particular public health, safety, or welfare issues of the Navigation District's Waterways.**

The Lighthouse Point Police Department Marine unit will provide regular patrols and provide a safe environment for boaters using the navigation district's waterways. They will do this while conducting routine law enforcement activities such as detection and enforcement of waterway laws and regulations; make public contacts, handle waterway accidents, and perform safety inspections, thereby protecting the health, safety, and welfare of the boating public.

- d) How does the project provide significant benefits or enhancements to the District's Waterways?**

By helping us to ensure a safe boating experience for those who utilize the ICW and surrounding waterways through daily law enforcement presence and safety initiatives. This presence will not only help to insure adherence to marine laws, but will also assist boaters who are in peril and provide basic boating information to others as necessary.

(For reviewer only)
(1-3 points)

8) EXPERIENCE & QUALIFICATIONS:

- a) List the personnel tasked with the implementation of this project, their qualifications, previous training and experience.**

Commander Chris Oh will be implementing the project. He has been serving in the law enforcement profession for 31 years with the past 18 years in management and operational experience. He ensures that marine patrol officers have advanced marine patrol safety and operational experience to adequately deal with waterway incidents.

- b) Have the personnel participated in or received state marine law enforcement training?**

Yes, our marine patrol officers have received advanced marine patrol tactical training including training on boating stops/safety, tactical boarding and vessel accident training, from a variety of sources, including in-house, University of North Florida (IPTM), Center for Environmental Education and Research, Inc. and by Tactical Advantage Consultants.

(For reviewer only)
(1-2 points)

9) DELIVERABLES:

- a) Describe the anticipated, long-term measurable results of implementing this project.**

By implementing this project, the Lighthouse Point Police Department will be able to perform enforcement and safety initiatives along the Intercoastal Waterway and adjoining waterways seven days a week.

- b) What is the range or area of coverage for this project? Please provide a map of the coverage area.**

The Lighthouse Point Police Department patrols the ICW and surrounding local waterways from the Lighthouse Point north boundary 5400 block south beyond the Hillsboro inlet to our border with the City of Pompano Beach. We also provide mutual aid in the surrounding area and outside in the Atlantic Ocean when requested.

- c) Does the project fulfill a particular community need?**

Yes. Through the implementation of this project, the boating public will benefit from the marine unit's ability to provide daily law enforcement services on the ICW, which enhances the safety of all persons that utilize the waterways and also increases boater education/awareness of marine laws.

For reviewer only)
(1-4 points)

10) EDUCATION:**a) What are the educational benefits (if any) of this proposed project?**

While conducting our patrols, we provide members of our local boating community with safety and education materials, and advice on waterway navigation, and wake regulations. This improves the boating experience for everyone that utilizes our public waterways and lives along the ICW and adjacent waterways.

b) How does the project or program provide effective public boating education or expand boater safety?

As part of our mission to provide safe waterways for all those who use the ICW and surrounding waters in Lighthouse Point, boater education is a key component. Our marine patrol officers educate the boating public on boating regulations, boating safety, as a primary means of enforcement. Our marine officers conduct safety inspection, participate in a personal flotation device (PFD) for children program where PFD's are given free of charge to boaters who may be on the water without proper PFD's for children on-board. This project will allow us to continue to provide effective boating education directly to those we serve.

(For reviewer only)
(1 -3 points)

RATING POINT TOTAL _____**Note:**

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Lighthouse Point Police Department Vessel/Hull replacement Project
Applicant:	City of Lighthouse Point (PD)

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Purchase Fluid Vessel/Hull	161,083.20	86,083.20	75,000.00

**TOTALS =	\$ 161,083.20	\$ 86,083.20	\$ 75,000.00
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ATTACHMENT E-6**PROJECT TIMELINE**

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Lighthouse Point Police Department Vessel/Hull replacement Project
Applicant:	City of Lighthouse Point (PD)

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

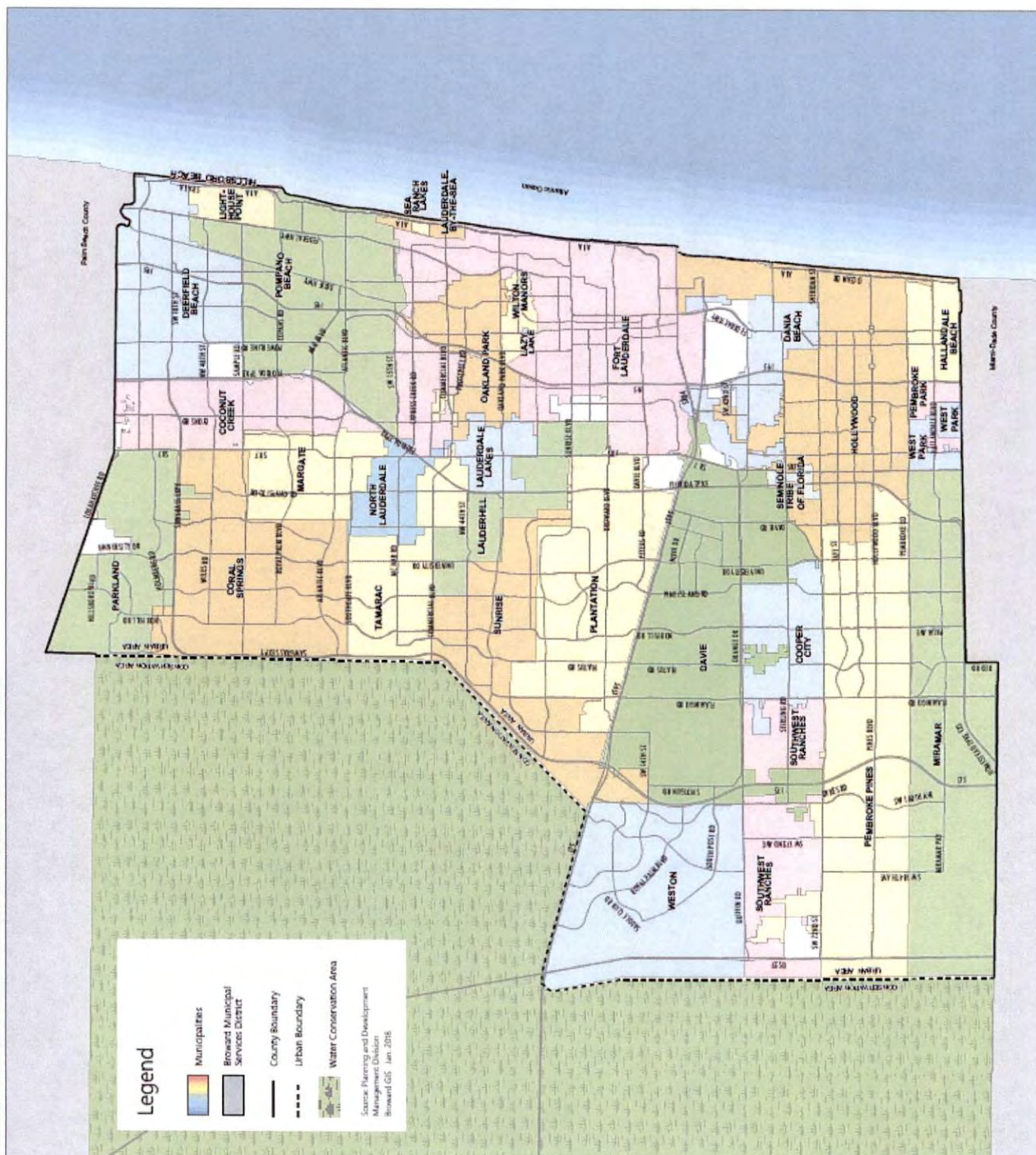
NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
October 2023	City Commission approves FIND Grant
October 2023	City Executes PO to purchase vessel
October 2023	Engines removed and installed on new hull
November 2023	City takes possession of new hull/vessel
February 2024	Project Completion

City of Lighthouse Point



BROWARD COUNTY FLORIDA MUNICIPALITIES



ATTACHMENT E-2**APPLICANT INFORMATION & PROJECT SUMMARY**

WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Oakland Park			
Department: Public Works			
Project Title: Dewey Hawkins Boat Ramp			
Project Director: Albert Carbon		Title:	Public Works Director
Project Liaison: (if different from Director)		Title:	
Mailing Address:	3650 NE 12th Avenue		
City: Oakland Park	Zip Code:	33334	
Email Address: AlbertC@oaklandparkfl.gov	Phone #:	954-630-4458	
Project Address:	2960 NE 12th Terrace, Oakland Park, FL 33334		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: Albert J. Carbon III DATE: March 27, 2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

Oakland Park's J. Dewey Hawkins Landing serves as the City of Oakland Park's only public boat launch facility. The site provides direct access to the north fork of the Middle River and connection to the AICW and other regional waterways. The facility also includes an accessible launch for kayak, canoe, and standup paddleboard enthusiasts. This City-owned facility also includes a dock, picnic area, and parking area for trailers and cars.

The City has begun the design process to redevelop the facility to increase access, safety, and resiliency. These improvements include renovation of the following elements:

- Boat Ramp
- Seawall/Bulkhead
- Dock structures
- Kayak Launch

Once complete, the improved facility will provide free access to the water for not only Oakland Park residents but also visitors from across the County and the east coast of Florida. The design and construction techniques will ensure the project will meet the demands of users for decades to come and ensure this critical access, even as changes in the climate continue to increase sea levels, threatening coastal resources.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Oakland Park	Project Title: Dewey Hawkins Boat Ramp	
Total Project Cost: \$ 400,000	FIND Funding Requested: \$ 200,000	% of Total Cost: 50
Amount of Applicant's Matching Funds:	\$200,000	
Source of Applicant's Matching Funds:	City of Oakland Park CIP Funds	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

3. Has the District previously provided assistance funding to this project or site? Yes ☐ No: ☒

4. If yes, please list:

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

Current public access consists of one boat ramp, kayak/canoe launch, and 580 SF of metal boat docks. The site also provides public parking with three trailer parking spaces and six vehicle parking spaces.

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

The project will not add any additional public access but will greatly enhance the existing facilities, which are currently not able to support the demand for waterway access.

7. Are fees charged for the use of this project? No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	Yes	TBD	
DEP	Yes	TBD	
ACOE	Yes	TBD	

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Dewey Hawkins Boat Ramp
Applicant:	City of Oakland Park

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

6. Acquisition, dredging, shoreline stabilization and development of public boat ramps and launching facilities.

- b) Explain how the project fits this priority category.**

The proposed project consists of improving public boat launching facilities and shoreline stabilization. The project will further Category #6 identified above.

(For reviewer only)

Max. Available Score for application 47

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

a) Explain how the project relates to the ICW and the mission of the Navigation District.

The project will enhance access and safety for boaters by improving public launch facilities that allow for direct access to the ICW. Increasing access and safety for boaters to the ICW will further the mission of the Navigation District.

b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

The improvements to the boat launch, docking facilities, bulkhead, and kayak/canoe facilities at the park will increase public access to the ICW and other adjoining waterways. The new docks will be safer and more resilient. The restoration of the seawall will protect the waterway and the boaters using it. These enhancements will serve both those launching from the site and those visiting the park by boat.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.

The project site is a popular public access facility for recreational boaters including kayaks. The site is the only public launch facility the City operates. The improvements to the ramp, docks, and seawalls will enhance access and safety for not only boaters and their guests but also vessels themselves. Once complete, the project will allow for greater usage of the facility and meet the growing demand for launch facilities.

b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.

The site is open to all residents and visitors. While local residents are the primary users, visitors from all over the area will be able to enjoy the site due to free parking and boat access. Boaters and kayakers from all of the District's counties will be able to launch or visit the park by water as a destination off the ICW.

c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

No restrictions have been placed upon the site or the adjacent waterway.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

The City has initiated the design and permitting for the project. The engaged design consultant will complete plans, obtain permit, and have the project ready to bid by September 2023. Once a contractor is selected, the construction activities will take 10-12 months to complete from the City's notice to proceed.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

There are no unique aspects to the design and construction that would delay the project. However, weather events, such as hurricanes, and the availability of materials could impact the timeline.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

The City is seeking funding to offset the total cost of the project through several sources, including the FBIP program and FRDAP. However, the City, through Commission resolution, has committed to providing the necessary funds to complete the project.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

The engineer's cost estimate has factored in an increase in the cost of materials that might occur when the project is bid in late 2023 or early 2024. If additional funding is needed, the City is prepared to provide the resources needed for completion.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

The facility is free to the public. No fees for any use of the park or the boating facilities are required.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The demand for public access to the waterways has grown significantly with a large increase as a result of COVID. With outdoor activities such as boating attracting more people, the need to renovate and improve the boating facilities at the site is a top priority. Currently, the site cannot safely provide this access and is not open for use. As the only City-owned launch facilities, the site needs to be enhanced to meet not only current demand but also long-term levels of service.

In addition to meeting the growing demand of the existing facilities, the need to improve the safety and resiliency of the facilities is another need the project will address. The new docks and seawall will be constructed of materials and installed with decades of useful life in mind even as sea levels continue to rise. The docks will also be enhanced for better use and safety. Overall, the project will result in a facility with increased capabilities, enhanced safety, and a longer lifespan.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The City appropriates funding for the maintenance of its parks as part of its annual operating budget process. The City Commission is committed to providing effective and safe facilities and will continue to provide funding for the maintenance of the site and its boating facilities each year in the Public Works operating budget.

c) Is this project referenced or incorporated in an existing maritime management, public access or comp plan?

The project's importance to the City and its management of coastal resources and public access to the water is identified in the adopted Comprehensive Plan and has further been identified in the on-going Comprehensive Plan update, which will be complete in the next year. The need to improve the seawall was also identified in the Stormwater Master Plan updated last year. As one of four City-owned seawalls, the facility is critical to flood protection and protecting the safety of park users and the navigable waterway.

(For reviewer only)

(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
 If permits are NOT required, explain why not.**

The required permits have not been applied for. The design consultant is completing the engineering and will obtain permitting before September 2023. Anticipated permitting includes: • City Building Permit • State Owned Land (TIITF) Permit • South Florida Water Management Environmental Resource Permit. • US Army Corp of Engineers (fill and dredge) Section 404. • Broward County Aquatic and Wetland Resources License.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

With design and permitting completed by September 2023, the requested funding is for a single phase of construction.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

As part of preliminary planning and development of this funding, there were no impediments identified that would delay timely issuance of the permits needed to complete the project.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

- a) **Has the design work been completed?**
If this is a Phase I project, has a preliminary design been developed?

The City has engaged a design consultant to complete design and permitting. At a cost of \$177,503, this work is on-going and anticipated to be completed by September 2023.

- b) **Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

The improvements to the facilities, including the seawall, will allow the City to provide access to the water well into the future, even as sea levels continue to rise, increasing tidal and compound flooding. The resiliency of the project is not only a great cost benefit to the users but also to those living around the site as flood protection will be enhanced.

(For reviewer only)
(1-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) **Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

The City will utilize the completed design to engage a qualified contractor to complete construction of the project. The scope of work for the project consists of general requirements, protections for the waterway during construction, and monitoring. Construction includes clearing and demolition of the existing ramp and bulkhead. Once the site is prepared, the contractor will install new bulkhead piles, wall panels, and concrete cap.

A 1,000 SF concrete boat ramp will be constructed along with new metal boat docks. In addition, a new kayak launcher and site restoration will be part of the proposed scope of work. All materials used will be selected based on reliability, safety, and availability.

- b) **What is the design life of the proposed materials compared to other available materials?**

The City will require that the design and construction result in facilities with no less than a 20 year effective lifespan. However, many of the elements of the project will have a useful life well past that minimum threshold.

(For reviewer only)
(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

Furthering the City's commitment to protecting the environment, the site and the proposed improvements will benefit the surrounding natural resources through sustainability. The materials being used will not deteriorate at the rate previous facilities would. This will result in less impact on the waterway. In addition, the lifespan of the materials will require less invasive maintenance, resiliency from damage caused by sea level rise and changes in the climate, as well as increase use.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

Similar to most of the City, the project site experiences significant impacts from sea-level rise. The replacement of the existing ramp, docks and bulkhead with better construction and resilient materials will further the City's efforts to address the impacts of sea-level rise. These materials will be able to withstand the conditions that come with rising seas, tidal flooding, and more frequent and severe storms resulting in compound flooding. The need for the enhancements to the seawall were identified in the Stormwater Master Plan and Vulnerability Assessment which focused on mitigating the impacts of sea-level rise.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

Form No. 91-25A

Rule 66B-2.005 (Effective Date: 3-21-01, revised 4-24-06, 1-27-14)

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Dewey Hawkins Boat Ramp
Applicant:	City of Oakland Park

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Construction of Concrete Boat Ramp	150,000.00	75,000.00	75,000.00
Construction of boat docks	200,000.00	100,000.00	100,000.00
Installation of Kayak launch	50,000.00	25,000.00	25,000.00
**TOTALS =	\$ 400,000.00	\$ 200,000.00	\$ 200,000.00

ATTACHMENT E-6 PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Dewey Hawkins Boat Ramp
Applicant:	City of Oakland Park

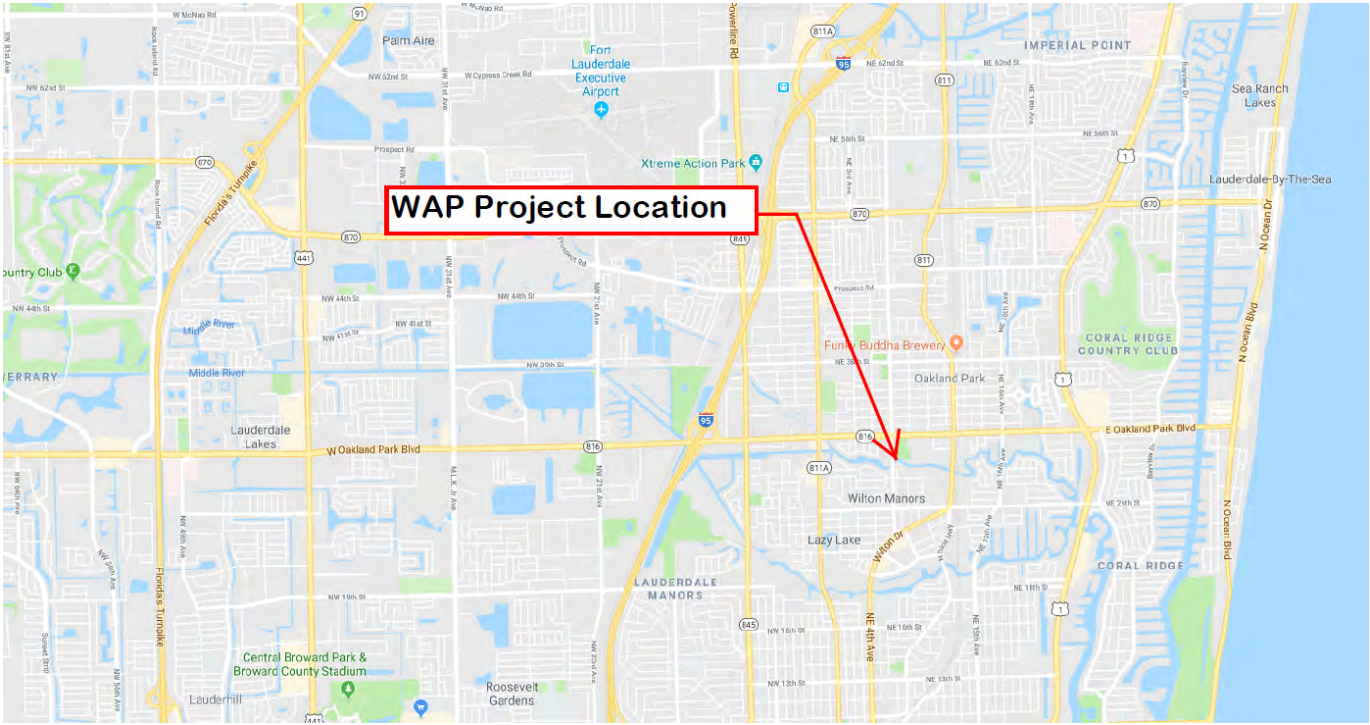
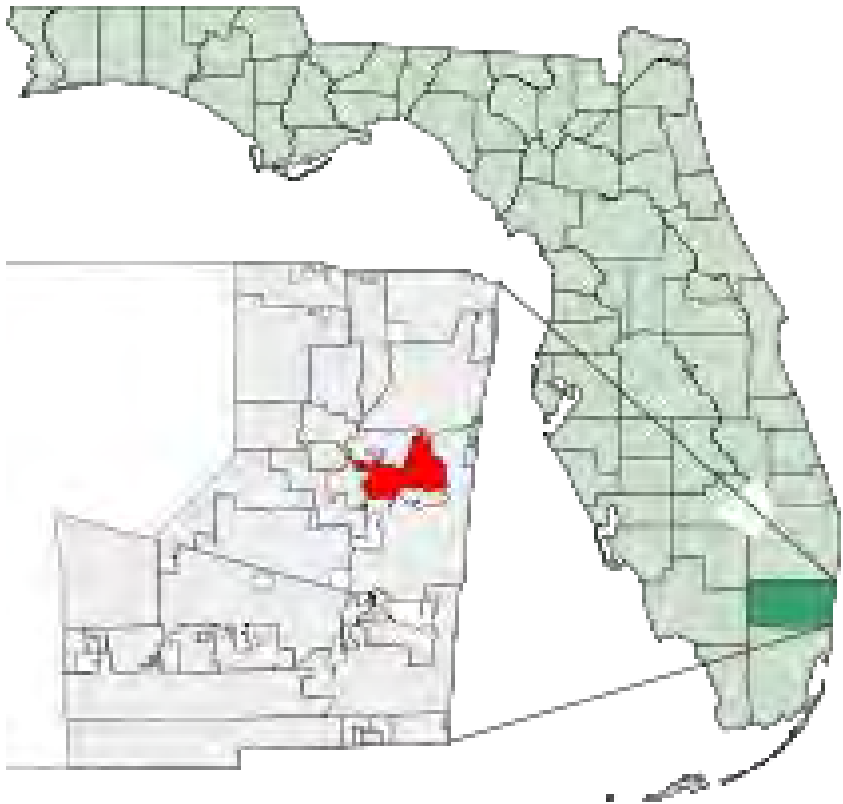
The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
October 2023	Project/Grant Period Begins
December 2023	Bidding - Selection of Contractor
January 2024	Notice to Proceed Issued
February 2024	Construction Begins
February 2025	Construction Complete

**DEWEY HAWKINS
BOAT RAMP**

**CITY OF OAKLAND PARK
Project Location Maps**



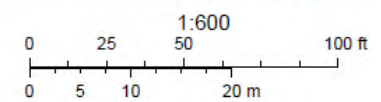
City of Oakland Park

J. Dewey Hawkins Landing-Boundary Map



PropertyId: 494226200010

2960 NE 12th Terrace, Oakland
Park, FL 33334



City of Oakland Park

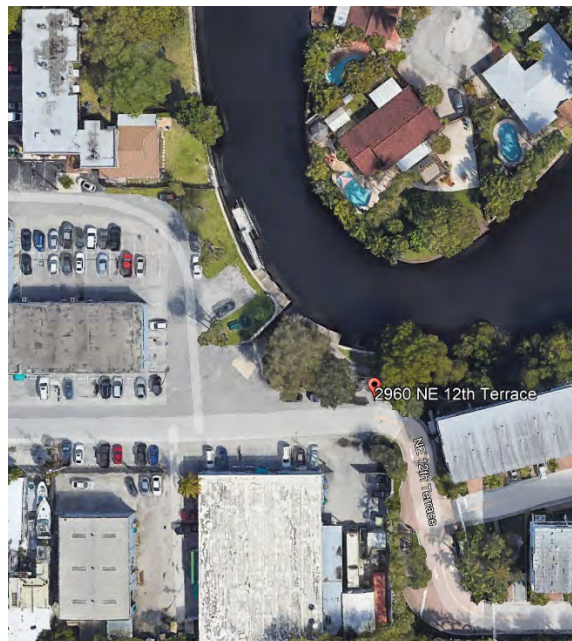
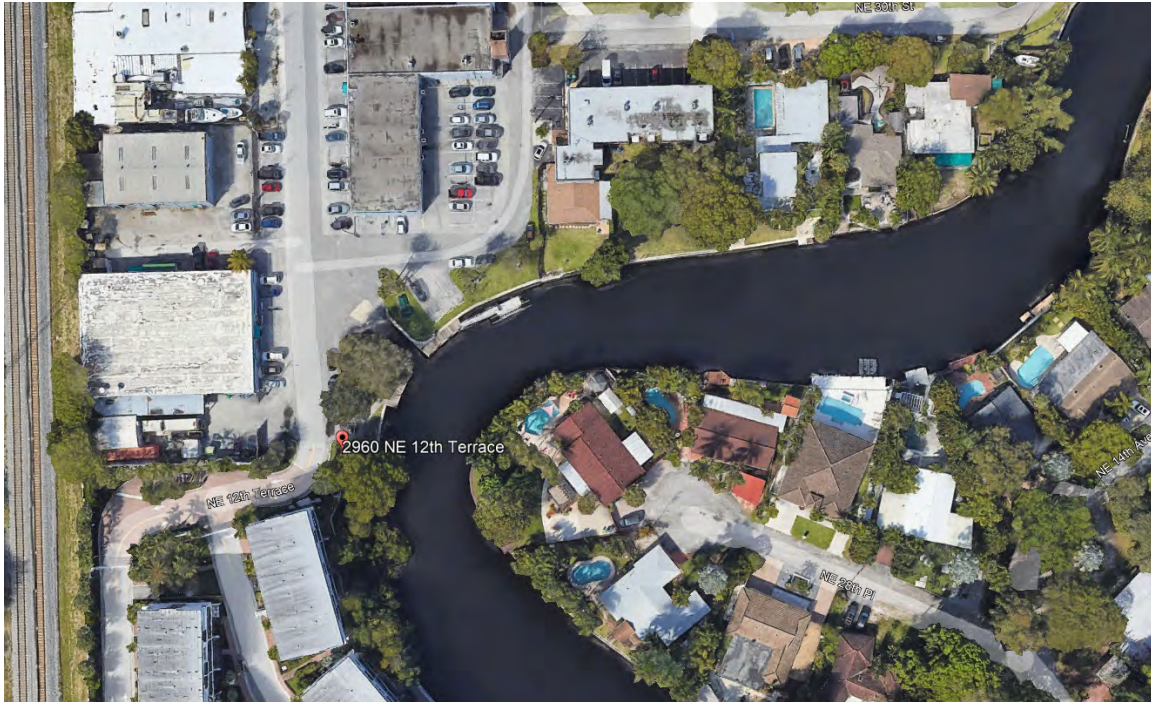
Project Site Plan - WAP Elements



J Dewey Hawkins Boat Ramp and Canoe/Kayak Launch Map

J. DEWEY HAWKINS LANDING

CITY OF OAKLAND PARK Existing Conditions Photographs



J. DEWEY HAWKINS LANDING

CITY OF OAKLAND PARK Existing Conditions Photographs



J. DEWEY HAWKINS LANDING

CITY OF OAKLAND PARK Existing Conditions Photographs



**DEWEY HAWKINS
BOAT RAMP**

CITY OF OAKLAND PARK



ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Wilton Manors			
Department: Leisure Services			
Project Title: City of Wilton Manors New Vessel			
Project Director: Todd DeJesus		Title:	Capital Projects Administrator
Project Liaison: <small>(if different from Director)</small>		Title:	
Mailing Address:	2020 Wilton Drive		
City: Wilton Manors	Zip Code:	33305	
Email Address: tdejesus@wiltonmanors.com	Phone #:	954-390-2105	
Project Address:	City of Wilton Manors		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____

DATE: 3-20-23

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

This project is for the purchase of a new city vessel (barge) to be used on the waterways and canals that surround and intersect the entire city.

ATTACHMENT E-3
PROJECT INFORMATION
 WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Wilton Manors	Project Title: City of Wilton Manors New Vessel	
Total Project Cost: \$ 150,000	FIND Funding Requested: \$ 75,000	% of Total Cost: 50
Amount of Applicant's Matching Funds:	\$75,000	
Source of Applicant's Matching Funds:	City's General Fund	

1. **Ownership of Project Site (check one):** Own: ☐ Leased: ☐ Other: ☒

2. **If leased or other, please describe lease or terms and conditions:**

The city will own the barge.

3. **Has the District previously provided assistance funding to this project or site?** Yes ☐ No: ☒

4. **If yes, please list:**

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

City-wide there are four floating docks and one boat ramp. There are 20 parking spaces at the boat ramp site.

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

None

7. **Are fees charged for the use of this project?** No ☒ Yes ☐ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	N/A		
DEP	N/A		
ACOE	N/A		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	City of Wilton Manors New Vessel
Applicant:	City of Wilton Manors

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application. (The application may only be of **one** type based upon the predominant cost of the project elements.)

14. Waterway related environmental education programs & facilities.

- b) Explain how the project fits this priority category.

The barge is necessary for regular maintenance of the waterways to keep a safe environment for boaters. It is also the main transportation used during the monthly waterway cleanup (debris and vegetation maintenance) and annual Waterway Cleanup Event. Staff uses the barge to check for debris on a regular basis. It can also be used for contractors/staff to provide new piping and related materials to repair existing drainage systems and to transport material to repair seawalls. The barge is also used for special event programming

(For reviewer only)

Max. Available Score for application 44

Question 1. Range of Score (1 to 2 points)

2) WATERWAY RELATIONSHIP:

- a) **Explain how the project relates to the ICW and the mission of the Navigation District.**

The Middle River completely surrounds Wilton Manors and is connected to the intracoastal waterway. The project will allow for a staff to ensure a safer environment along the waterway accesses.

- b) **What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

The City barge is utilized for safety and maintenance issues along the waterway.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) **Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

The barge will be used to ensure the safety of the waterway used by all boaters and other vessels in Wilton Manors. The public will not have access to this vessel.

- b) **Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

Many individuals that come to enjoy the waterways of Wilton Manors are non-residents. Access is available for all users.

- c) **Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

Not applicable to this project.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

The purchase process of a new barge will occur immediately after notification of award. Because of the cost, the city commission will need to approve the purchase at a meeting. Delivery of motor will depend on availability but it is anticipated delivery will be within 4 weeks of order.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

None.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

The Leisure Services Department will budget a 50% match for the project.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

NA

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

No

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

No

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:

- a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The existing barge is over 30 years old and difficult to maintain. There is always a need for improved safety for the public.

- b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.**

The City of Wilton Manors will regularly maintain and repair, when necessary, the new barge.

- c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?**

This project is consistent with the Wilton Manors Strategic Plan, Priority Area: Proactive Public Safety, Goal 7: Ensure marine and water safety. There is always a need for improved safety for the public.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4C
EVALUATION WORKSHEET
LAW ENFORCEMENT & BOATING SAFETY PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A LAW
 ENFORCEMENT OR BOATING SAFETY PROJECT

7) VIABILITY:

- c) Describe how the project will address particular public health, safety, or welfare issues of the Navigation District's Waterways.**

The Wilton Manors Leisure Services Department will utilize the barge to patrol and ensure the safety of the waterway and boat ramp areas.

- d) How does the project provide significant benefits or enhancements to the District's Waterways?**

The barge benefits the District's waterways by creating a safe place for boating activities. The barge provides another layer of patrol so staff may contact first responders regarding any emergency on, or involving, the waterway.

(For reviewer only)
(1-3 points)

8) EXPERIENCE & QUALIFICATIONS:

- a) List the personnel tasked with the implementation of this project, their qualifications, previous training and experience.

The barge will be piloted and maintained by senior maintenance staff in Leisure Services. Staff includes Augustus Haynes (Facilities Supervisor) and Vince Mullen (Grounds Supervisor). Each has had over 15 years experience working with this type of vessel.

- b) Have the personnel participated in or received state marine law enforcement training?

No

(For reviewer only)
(1-2 points)

9) DELIVERABLES:

- a) Describe the anticipated, long-term measurable results of implementing this project.

The current barge were acquired over 30 years ago and has been utilized the entire time. It is expected that the new motor will be functioning for a similar span of time.

- b) What is the range or area of coverage for this project? Please provide a map of the coverage area.

All of the waterways within the city limits of Wilton Manors.

- c) Does the project fulfill a particular community need?

Yes. The need for public safety on the water is critical for citizens and visitors.

(For reviewer only)
(1-4 points)

10) EDUCATION:

a) What are the educational benefits (if any) of this proposed project?

NA

b) How does the project or program provide effective public boating education or expand boater safety?

The project will allow maintenance staff to address any safety issues along the waterways in a timely fashion.

(For reviewer only)
(1 -3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 **PROJECT COST ESTIMATE**

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	City of Wilton Manors New Vessel
Applicant:	City of Wilton Manors

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Barge Purchase	150,000.00	75,000.00	75,000.00
**TOTALS =	\$ 150,000.00	\$ 75,000.00	\$ 75,000.00

ATTACHMENT E-6 PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	City of Wilton Manors New Vessel
Applicant:	City of Wilton Manors

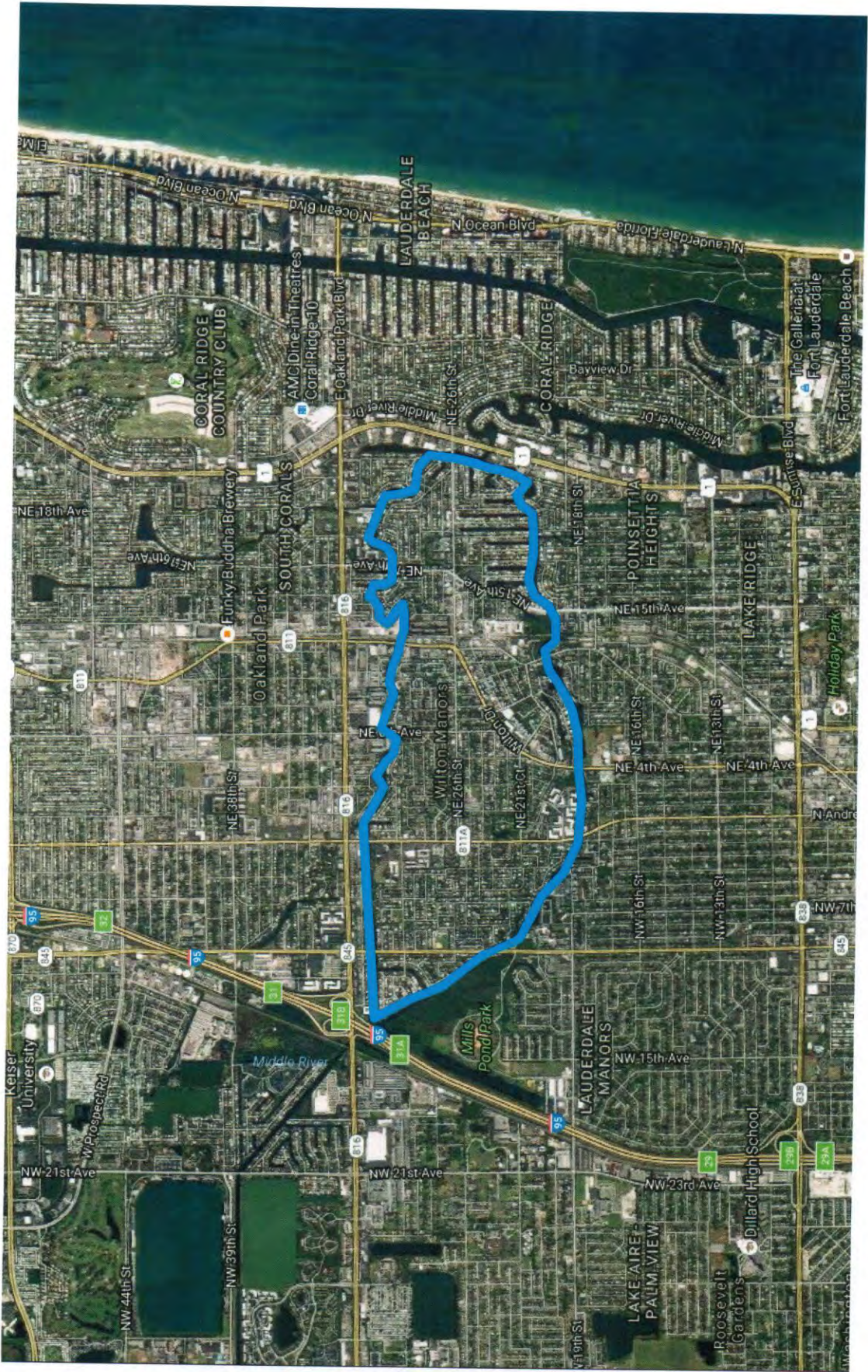
The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
October 15, 2023	Commission approval of purchase
October 21, 2023	Purchase order completed
December 31, 2023	New vessel delivered



City of Wilton Manors and Middle River Boundary Map



ATTACHMENT E-2

APPLICANT INFORMATION & PROJECT SUMMARY
WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: Hillsboro Inlet District			
Department:			
Project Title: Waterway Markers /North Jetty Safety Buoys			
Project Director: Denise Bryan		Title:	Board Chair
Project Liaison: <small>(if different from Director)</small>	Chris Creed	Title:	Engineer
Mailing Address:	907 Hillsboro Mile		
City: Hillsboro Beach	Zip Code:	33064	
Email Address: ccreed@olsen-associates.com	Phone #:	904-387-6114	
Project Address:	907 Hillsboro Mile, Hillsboro Beach FL 33064		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____

DATE: _____

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The Hillsboro Inlet District ("District") has been granted the necessary permits to install five (5) marker buoys on the seaward side of the north jetty which comprises the Hillsboro Inlet (the "Inlet"). The marker buoys will have the words "Danger" and "Rocks" placed on the buoys with reflective tape. The purpose of the marker buoys is to inform boaters of the rocks in that area of the Inlet adjacent to the North Jetty Weir at the Inlet. These buoys will inform vessels of the rocks, which is a safety hazard currently. The Florida Fish and Wildlife Commission has approved this project and has provided the Hillsboro Inlet District with the necessary permits to proceed with the installation of the buoys.

It is the District's intent that by installing these safety buoys that boaters will avoid taking any shortcut that might appear safe at high tide. In actuality, the rocks that comprise the north jetty are submerged partially during high tide. Rather than following proper navigation through the Inlet channel, some boaters try to take a shortcut to the Inlet channel and end up being "grounded" on the rocks. The safety buoys should help alleviate the potential for boaters to take the shortcut.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: Hillsboro Inlet District	Project Title: Waterway Markers /North Jetty Safety Buoys	
Total Project Cost: \$ 80,000	FIND Funding Requested: \$ 40,000	% of Total Cost: 50
Amount of Applicant's Matching Funds:	40,000	
Source of Applicant's Matching Funds:	From the projected budget	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

3. Has the District previously provided assistance funding to this project or site? Yes ☐ No: ☒

4. If yes, please list:

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

Not applicable to the buoy site

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

Zero

7. Are fees charged for the use of this project? No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	N/A		
DEP	Yes	November 22, 2022	December 16, 2022
ACOE	N/A		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Waterway Markers /North Jetty Safety Buoys
Applicant:	Hillsboro Inlet District

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application. (The application may only be of **one** type based upon the predominant cost of the project elements.)

8. Waterway signs & buoys for safety, regulation or information.

- b) Explain how the project fits this priority category.

The safety buoys will alert vessels that are navigating towards the Hillsboro Inlet that there are rocks in the area, with the intent to have the boaters avoid that area. This safety measure of adding warning signs on the buoys seeks to reduce the amount of vessels that collide with the rocks, as well as insuring proper access for boaters wishing to navigate from the Atlantic Ocean through the Hillsboro Inlet into the Intracoastal Waterway in northern Broward County.

(For reviewer only) 46
Max. Available Score for application _____

Question 1. Range of Score (1 to ⁴ points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.

The District's project provides a safety notice to vessels navigating from the Atlantic Ocean into the Hillsboro Inlet, which provides direct access to the ICW. The project will reduce the number of vessels that would impact the rocks. This ensures safe and proper access for vessels through the Inlet to the ICW.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

The navigational benefit of the District's project would be to reduce the number times that vessels would collide with the rocks in that area, which in turn makes it safer to navigate the Hillsboro Inlet, ICW, and Atlantic Ocean.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access.
 Estimate the amount of total public use.

No public use benefit outside of the added benefit of safety when the public is traversing the area.

- b) Discuss the regional and local public benefits provided by the project.
 Can residents from other counties of the District reasonably access and use the project? Explain.

Access through the Inlet to and from the ICW is available to all boaters from all areas of the Florida Inland Navigational District. The buoy markers will alert all boaters of the presence of rocks to insure safe navigation from the Atlantic Ocean to the ICW.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

There has not been any plans implemented to restrict any access or use to the site.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.

Subject to annual budgeting and appropriation, the project would be completed by January 31, 2024.

- b) Briefly explain any unique aspects of this project that could influence the timeline.

The ability to contract with a marine equipment operator who would place the concrete blocks to anchor the buoys is the unique aspect of the project that could influence the timeline.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.

Hillsboro Inlet District has budgeted to install the buoys and has the necessary funds to pay its share of this project. Hillsboro plans to pay for 50% of the cost, with this matching grant, which is estimated to be approximately \$40,000.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.

Costs may increase, as the estimate may change over time. It was noted in an estimate the work could be completed in the summer months as the weather is ideal, where performing the work in the fall months may increase the cost.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.

No fees associated with the use of the area.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.

N/A

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:

- a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?

The project is necessary for the safety of the vessels navigating the Inlet from the Atlantic Ocean to the Intracoastal Waterway. Not only will it alert individuals that are not familiar with the Inlet, but remind others they should avoid that area of the Inlet. There have been accidents there in the past, where boats have hit the rocks and also become stuck in the rocks. The safety buoys are needed to ensure safety and avoid future accidents within the Inlet. There are no other entities that can meet this demand or that are willing to meet this demand at this time.

- b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The Hillsboro Inlet District plans to maintain the safety buoys after the project is completed, and will allocate funding to continue maintenance in the future. The main costs of this project are the creation, transportation, and installation of the concrete blocks. Maintenance of the project is relatively low in cost compared to the initial installation.

- c) Is this project referenced or incorporated in an existing maritime management, public access or comp plan?

No

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4D
EVALUATION WORKSHEET
INLET MANAGEMENT & PUBLIC NAVIGATION PROJECTS
WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS AN INLET
MANAGEMENT OR PUBLIC NAVIGATION PROJECT

7) WATERWAY RELATIONSHIP:

- a) How does the project directly benefit the Atlantic Intracoastal Waterway (AICW)?

The mission of the Inlet is to keep open from the Atlantic Ocean to Intercoastal, as well as preventing sand from flowing through the channel Inlet and the Intercoastal. The project prevents vessels from becoming stuck in rocks as well as prevents accidents and potential injuries to the public accessing the Inlet.

- b) Identify any long-term sedimentation problems and briefly discuss any methods or activities that will address these issues.

The concrete blocks are a two (2) ton weight, in order for them not to shift around during storms and over time. In the event the blocks are shifted, they could be put back in place.

- c) Will the project inhibit sediment inflow into, or reduce the dredging frequency of the AICW?

No

(For reviewer only)
(1-5 points)

8) PUBLIC ACCESS:

- a) Will the project enhance public access to or from the waterways? Describe in brief detail.

The project will enhance the safety around the Hillsboro Inlet, and insure safety for all boaters utilizing the Inlet. The project will also provide for safer navigation from the Atlantic Ocean through the Hillsboro Inlet to the Intracoastal Waterway.

- b) List the upstream publicly accessible facilities with improved access as a result of this project.

N/A

(For reviewer only)
(1 -3 points)

9) BENEFICIAL PROJECT ELEMENTS:

- a) Are there additional economic benefits to be realized by implementing this project?

For the Hillsboro Inlet District there is a benefit of less liability of potential claims against them if there were an accident.

- b) Briefly spell out any water quality, environmental or habitat benefits to be realized by this project.

N/A

(For reviewer only)
(1 -2 points)

10) PROJECT MAINTENANCE:

- a) When was this area last dredged? What is the expected frequency of future dredging?

The legislative purpose of the Hillsboro Inlet District is to continually perform maintenance dredging within the Inlet and bypass sand recovered to beaches south of the Inlet. It is continuously being dredged to allow vessels access to the Intercoastal and Atlantic Ocean.

- b) Explain the funding mechanism for the long-term maintenance of the project.

It is in the Hillsboro Inlet District's projected budget to maintain the buoys as well as order and replace any buoys that may come unattached or damaged due to storms or rope malfunction.

- c) Describe the long-range dredge material management plans.

(For reviewer only)
(1 -2 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Waterway Markers /North Jetty Safety Buoys
Applicant:	Hillsboro Inlet District

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Materials (buoys, lines, shackles, and weights)	23,040.00	11,520.00	11,520.00
Labor (dive team, shipping and delivery)	51,750.00	25,875.00	25,875.00
Estimated Cost increase (estimate was for work in summer 2023 re: proper conditions)	5,000.00	2,500.00	2,500.00

**TOTALS =	\$79,790.00	\$39,895.00	\$39,895.00
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ATTACHMENT E-6 PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

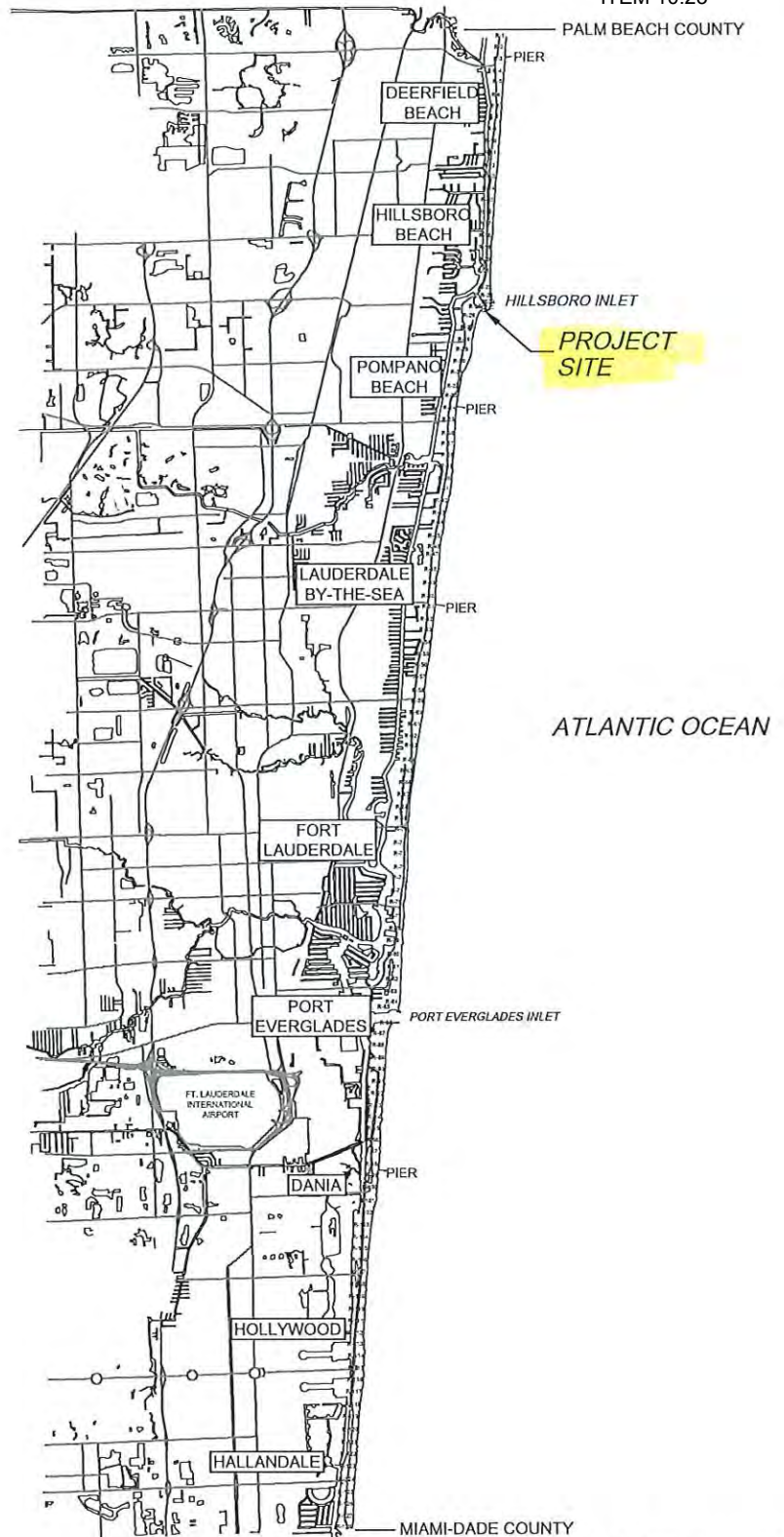
Project Title:	Waterway Markers /North Jetty Safety Buoys
Applicant:	Hillsboro Inlet District

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
11/3/22	Receive permit from DEP
12/6/22	Receive permit from FWD
2/16/23	Receive estimate from Industrial Divers
January 2024	Transport and Install (one day total)

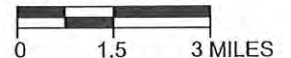
ITEM 10.23



FOR PERMITTING PURPOSES ONLY
NOT FOR CONSTRUCTION



SCALE

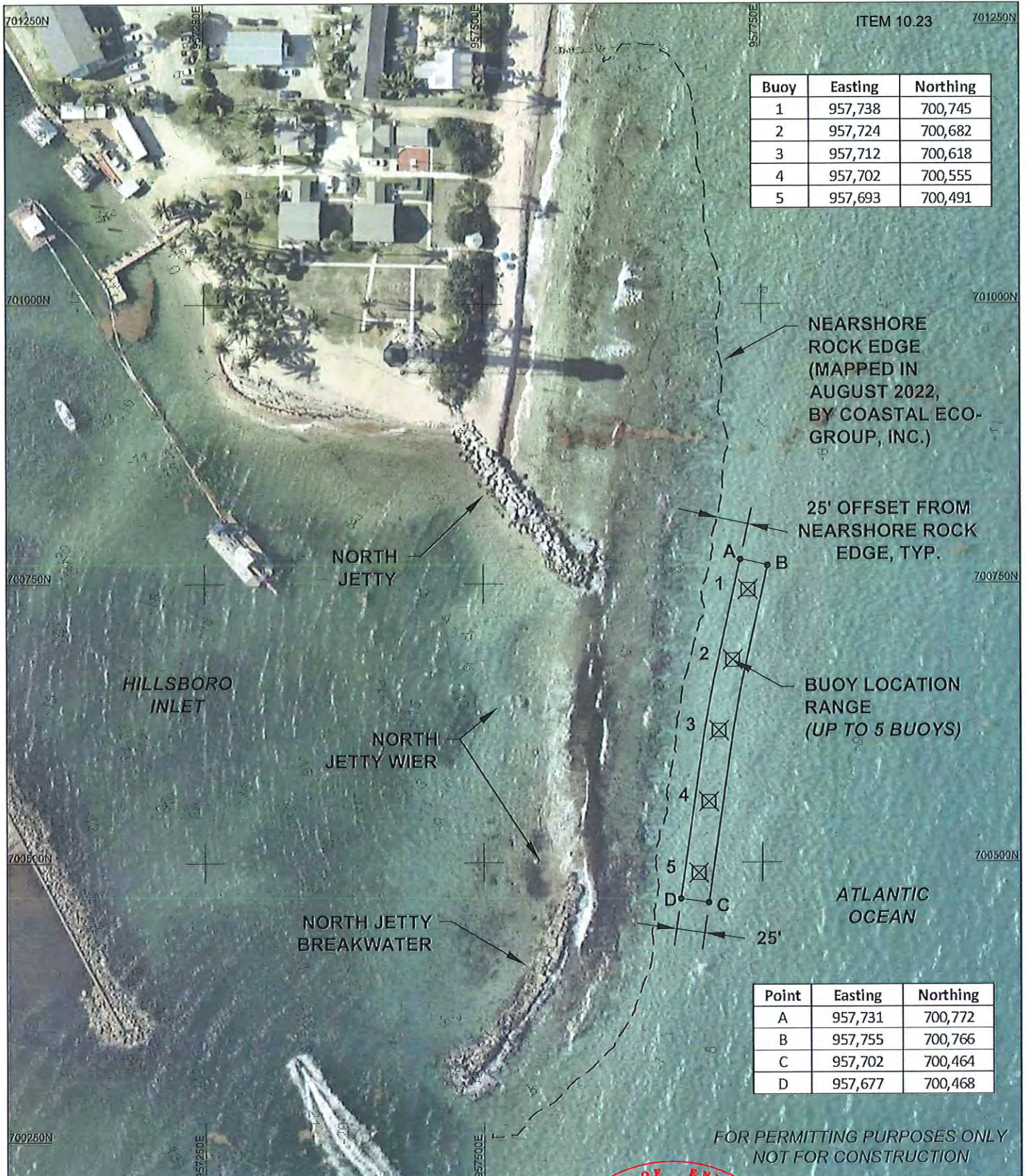


olsen
associates, inc.
2618 Herschel Street
Jacksonville, FL. 32204
(904) 387-6114
COA No. 3491

HILLSBORO INLET DISTRICT
NORTH JETTY WEIR
WARNING BUOYS

VICINITY MAP

REV	DATE:	10/06/2022
		DRAWN BY: ML
		424 SHEET 1 of 4



NOTES:

1. AERIAL IMAGE DATED JULY 2022.
2. SEAFLOOR ELEVATIONS BASED UPON 2008 BROWARD COUNTY LADS SURVEY (FT-NAVD88).
3. DATUMS: HORIZ. = NAD83 FL EAST, VERT. = FT-NAVD88



olsen
associates, inc.
2618 Herschel Street
Jacksonville, FL. 32204
(904) 387-6114
COA No. 3491

HILLSBORO INLET DISTRICT
NORTH JETTY WEIR
WARNING BUOYS

BUOY LOCATIONS



SCALE



REV	DATE:	10/06/2022
	DRAWN BY:	ML
	SHEET	425
	of	4

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Sebastian			
Department: City of Sebastian Police Department			
Project Title: North County Marine Law Enforcement Facility			
Project Director: Lisa Frazier		Title:	CD Director/CRA Manager
Project Liaison: <i>(if different from Director)</i>		Title:	
Mailing Address:		1225 Main Street	
City: Sebastian		Zip Code:	32958
Email Address: lfrazier@cityofsebastian.org		Phone #:	772-388-8228
Project Address:		516 Indian River Drive, Sebastian	

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____

DATE: _____

3/23/2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The City is pursuing a grant from the Florida Inland Navigation District (FIND) to assist with the funding for a project entitled **NORTH COUNTY MARINE LAW ENFORCEMENT FACILITY in the amount of \$100,000.**

The Florida Fish and Wildlife Conservation Commission (FWC), Indian River County Sheriff's Office (IRC) and the City of Sebastian Marine Law Enforcement agencies are seeking a safe haven for their emergency vessels to aid in the public's health, safety, and welfare along the navigable waterways. Current accommodations are no longer available at no charge forcing many of the vessels to be dry docked until an emergency arises, adding precious time to aid public emergencies on the water. Existing City facilities will be altered to accommodate law enforcement marine vessels including fencing, lighting, cameras, signage, lock boxes etc. to provide efficient and timely emergency services to the public.

Currently the City maintains a 26-slip docking facility, Twin Piers, which is available for temporary mooring of vessels. The City proposes to modify the eastern 6 slips to accommodate the marine law enforcement vessels. Minor changes to the existing Submerged Land Lease will be pursued with the FDEP. At this time, the IRC Sheriff's Office, FWC, and the Sebastian Marine Patrol are supportive and grateful for this opportunity to provide this important service to the public from an accessible facility. Our partners in this project, IRC Sheriff's Office and FWC have committed to assist in providing the required funding match for the grant. All parties recognize the importance of securing a permanent home for this necessary facility.

ATTACHMENT E-3
PROJECT INFORMATION
 WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant:	Project Title:	
Total Project Cost: \$100,00.00	FIND Funding Requested: \$50,000.00	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$50,000.00	
Source of Applicant's Matching Funds:	Funding support for the facility upgrades will be provided by partner agencies (FWC, IRC) and the City of Sebastian	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

3. Has the District previously provided assistance funding to this project or site? Yes ☐ No: ☒

4. If yes, please list:

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

The Twin Piers is part of the Riverview Park system along Indian River Drive in Sebastian. The two piers maintain separate but compatible uses in accordance with the State Submerged Land Lease. The docking Pier currently contains 26 day slips available for public access along a 450 foot pier. The fishing Pier extends over 500 feet and contains a fishing platform at the end. Trailer parking (approx.. 40 spaces) is available one block north at a City public parking lot (CAVCORP) as well as across the street in the City's overflow parking area. There is no boat ramp in this location but one is located approximately 0.2 miles north at the City owned Yacht Club boat ramp. This facility is located in a very well frequented park area of the City along a 1.5 mile river walkway with high pedestrian traffic.

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

This project does not propose addition of new access features. The modifications to the docking Twin Pier will consist of security fencing separating the most eastern 6 slips for exclusive use by Marine Safety vessels only. The remaining 20 slips will remain open for the public's use. Trailer parking will not be necessary as these vehicles which will be stored at the respective agencies facility lots.

7. Are fees charged for the use of this project? No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD			
DEP	Yes, SSLL Modification		
ACOE			

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	NORTH COUNTY MARINE LAW ENFORCEMENT FACILITY
Applicant:	CITY OF SEBASTIAN POLICE DEPARTMENT

1) PRIORITY LIST:

- a) **Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

Priority Project Category #13. Waterway boating safety programs & equipment

- b) **Explain how the project fits this priority category.**

The Florida Fish and Wildlife Conservation Commission (FWC), Indian River County Sheriff Office (IRC) and the City of Sebastian Marine Law Enforcement agencies are seeking a safe haven for their emergency vessels to aid in the public's health, safety, and welfare along the navigable waterways. Current accommodations are no longer available at no charge forcing many of the vessels to be dry docked until an emergency arises, adding precious time to aid public emergencies on the water. Existing City docks will be altered to accommodate law enforcement marine vessels including fencing, lighting, cameras, signage, lock boxes etc. to provide efficient and timely emergency services to the public.

(For reviewer only) 45
Max. Available Score for application _____

Question 1. Range of Score (1 to 3 points)

2) WATERWAY RELATIONSHIP:

a) Explain how the project relates to the ICW and the mission of the Navigation District.

Chapter 66B-2 of the Waterways Assistance Program (WAP) purpose statement is to recognize the importance of the navigable waterway and the problems associated with the continued use of the waterways. Marine safety is paramount in alleviating some of the problems associated with the use of the waterways. Establishment of facilities that can permanently house marine safety vessels for State, County and Local protection agencies relates directly to the ICW and the Navigation District's purpose statement and priority project list.

b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

A north county marine safety facility will not only provide direct public safety to the inland channels and waterways, but will have direct access to the Sebastian Inlet and the Atlantic Ocean. This facility will benefit the public by enforcing marine laws as well as allowing immediate assistance to marine vessels under duress. The State, County and Local agencies have looked for a long period of time to find a location that could provide immediate response to marine emergencies and law enforcement situations on the waterway. Response time is critical in these situations and this location provides benefit to all the public along the ICW and adjoining waterway.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.

The proposed facility will be located on a Pier which is constructed and permitted to house temporary mooring of vessels. The availability of this use is not apparent to the general public. The proposed project will bring attention to these public slips by informational signage as well as the housing of safety vessels at the end. Boaters will notice the Pier and inquire as to its availability. Estimated vessels = 20 day slips

b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.

The Piers are open to residents and visitors alike for the entire length of the ICW. The Piers provide for temporary mooring and fishing at this public park. With the addition of a marine safety facility, more attention can be expected by the general public and recreational boaters alike. The benefit is to recreational boaters who may wish to tie up for a short period and enjoy the City of Sebastian events or local restaurants.

c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

The City of Sebastian does not plan to implement any other restrictions on the use of this site except for security features excluding 6 slips from the public on the eastern end of the existing public Pier.

(For reviewer only)
(1-8 points)

4) TIMELINESS:**a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

The main structure, Pier and slips, was constructed in 2012. The proposed project will consist of minor installation of security features and required marine equipment. Delays due to lack of supplies may be experienced however this facility is necessary and will be occupied as soon as possible.

b) Briefly explain any unique aspects of this project that could influence the timeline.

A unique aspect would be the current status of the supply chain for parts and equipment which may slow down some of the installation. However, due to the necessity of this facility for safety of the marine waterways, the partners will work diligently to complete the project in a timely manner in order to occupy the site.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:**a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

The proposed project will be funded out of the partner budgets for law enforcement established with the new budget cycle starting in October 2023. Letters of support from partner agencies are included in this packet. Partner agencies are committed to fund 50% of the required resources needed.

b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.

Material and delivery costs are an ongoing issue due to many worldwide factors. However, the City does not propose to require any specialized materials for the project and can tap into an extensive network of suppliers to secure alternatives if necessary.

c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.

The Twin Piers is a public facility which will remain open at no charge to the public.

d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The Florida Fish and Wildlife Conservation Commission (FWC), Indian River County Sheriff Office (IRC) and the City of Sebastian Marine Law Enforcement agencies are seeking a safe haven for their emergency vessels to aid in the public's health, safety, and welfare along the navigable waterways. Current accommodations are no longer available at no charge forcing many of the vessels to be dry docked until an emergency arises, adding precious time to aid public emergencies on the water. Existing City facilities will be altered to accommodate law enforcement marine vessels including fencing, lighting, cameras, signage, lock boxes etc. to provide efficient and timely emergency services to the public.

These agencies have been looking for a location in North County, or anywhere, for many years. There are very few areas left for vessels to be permanently housed at no or low costs, paramount for public agencies. FWC has indicated that they constantly have to relocate their vessels and IRC has been looking for a location in north county area for years. Our own marine officers were at a loss as to where they might be able to relocate in the City. Existing private marinas are requesting rent from these public agencies which is really not feasible in many circumstances. We cannot blame the private marinas who need to make more money to cover their own escalating costs. And available slip space is getting rare along the ICW due to lack of available property which can house a new marina or be permitted for a new marina.

The City of Sebastian recognized this need and identified an underutilized existing public facility which, with minor modifications, can meet the needs of these agencies. Providing a facility that increases our ability to serve the public, protect the public, and improve the natural resources of the ICW is a necessity that we need to fill.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The City and agency partners (IRC, FWC) will work towards executing a Memorandum of Understanding (MOU) to determine responsibilities including: use, maintenance, annual funding allowances etc. The State, County and Local law enforcement agencies have a supportive in this County and are committed to make this facility beneficial for the entire ICW community.

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

The Twin Piers is part of the Community Redevelopment Area Master Plan and Riverview Park Event Master Plan.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4C
EVALUATION WORKSHEET
LAW ENFORCEMENT & BOATING SAFETY PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A LAW
ENFORCEMENT OR BOATING SAFETY PROJECT

7) VIABILITY:

a) Describe how the project will address particular public health, safety, or welfare issues of the Navigation District's Waterways.

A facility that provides safe harbor for public safety vessels along the ICW is more than for enforcement but for education in boater safety and for protection of the waterway and the people who utilize it. When a marine patrol officer is asked this question, they easily provide the numerous benefits of this project to the public's health, safety, and welfare.

- Patrol of all jurisdictional water borders.
- Ensure all vessels moored in marinas are safe and not subject to criminal activity.
- Enforce boating under the influence violations. Ensuring boaters who are recreational are safe from individuals who are under the influence of alcohol and drugs from causing vessel crashes.
- Enforce maritime laws and reckless vessel operation.
- Inspect live aboard vessels to ensure vessels have and maintain marine sanitation devices that are functioning and holding tanks are in use. By ensuring MSD compliance this would ensure the wellness of swimmers who use the intercostal waterways for recreational swimming are safe from ecoli exposure.
- Reduced response time to natural disasters search and recovery operations.
- Assist patrol division and special operations units (SRT) with getting to locations (islands) for critical calls for service. Emergency call out when no other patrol vessels are available.
- Protecting Florida's natural resources and people through proactive responsive law enforcement services.
- Partner in Florida's Mutual Aid Plan, administered by the Florida Division of Emergency Management.
- Combine law enforcement resources with state, county and local agencies. Have a readily accessible vessel for the Fire Rescue.
- Work with Federal law enforcement agencies to provide intelligence and security support, general law enforcement services and critical incident investigations assistance.
- Work with Department of Homeland security to ensure a secure boarder from enemies foreign and natural.

b) How does the project provide significant benefits or enhancements to the District's Waterways?

The project benefits that are significant to the district waterways include enforcing marine sanitation device laws which will allow the waterways to recover from undetected or blatant violators dumping human waste and non-biodegradable waste into the waters, decreasing pollutants within the water column. Speed zone enforcement and education will allow sea grass and sea bottoms to recover from propeller damage.

(For reviewer only)
(1-3 points)

8) EXPERIENCE & QUALIFICATIONS:

- a) List the personnel tasked with the implementation of this project, their qualifications, previous training and experience.

City of Sebastian: Currently two officers are assigned to the enforcement and Natural Resource side of the agency. Officer William Jursik and Corporal Ryan Matthews are both assigned to the Marine Unit.

Indian River County Sheriff's Office: Currently six deputies in the Ag/Marine Unit, one Sergeant, one Captain and around five deputies within the County-wide patrol operations that are trained and use any of our five Law Enforcement Patrol Vessels which include vessels from 22' – 31' with both single and twin outboard propulsion. Two deputies within the Ag/Marine Unit are full time marine deputies who spend their shifts patrolling the waterways of Indian River County and the Atlantic Ocean answering any maritime related calls. All are familiar with and enforce violations regarding natural resources and fishery rules and regulations, boating regulations, live aboard vessels and derelict vessels.

- b) Have the personnel participated in or received state marine law enforcement training?

City of Sebastian: Both officers have received advanced training in the fields of Maritime law as well as Natural Resource protection. Both Officers are versed in the legal aspects through Florida administrative code. Officers have been actively patrolling the waterways of the City of Sebastian for several years and have actively participated in Targeted Enforcements including fisheries violation enforcement as well as speed zones and Manatee protection operations.

Indian River County Sheriff's Office: Six members in the unit have recently completed training to receive their Captain's Licenses through the United States Coast Guard. Many of the deputies that captain the boats have many 100's if not well into the 1000's of hours for a couple members, operating boats both personal and law enforcement types. Several have been to boat operator training courses that are Law Enforcement related. Some of the training completed would include tactical boat operations, BUI enforcement, search and rescue boat operations, exclusionary zone boat operations and many more.

(For reviewer only)
(1-2 points)

9) DELIVERABLES:

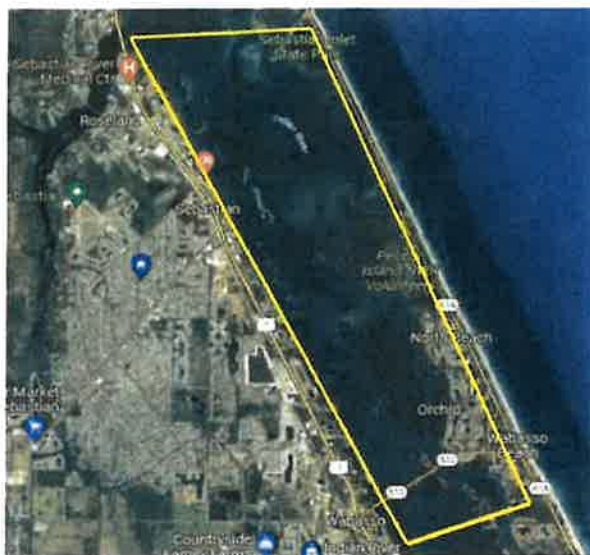
- a) Describe the anticipated, long-term measurable results of implementing this project.

Most importantly, this facility will provide timely, life-saving resources for maritime emergencies in the north county ICW. Currently, facilities are not available for the housing of this public service necessary for coastal communities. This facility will provide a safe harbor for multiple agencies to conduct their public services from but to also be able to rely on their partners from this location in emergency situations.

This project would allow more frequent/measurable jurisdictional patrols and Maritime enforcement which deter reckless vessel operation as well as wildlife preservation and enforce the maritime laws, FS-378/379. Increased vessel safety inspections for the purpose of ensuring proper equipment may be conducted due to ease of access to the waterway. Marine vessels also assist with the removal of derelict and abandoned vessels. Manatee protection speed zone violation enforcement. Continue to protect and conserve manatees and their habitat through the [Manatee Management Plan](#) and programs.

b) What is the range or area of coverage for this project? Please provide a map of the coverage area.

The project will house public vessels from three agencies whose main range of coverage would be the ICW from mid Indian River County to the Brevard County line. Officer could respond to distressed vessels and emergency calls for service within Brevard County or other areas upon request.



c) Does the project fulfill a particular community need?

This project would fulfill the need for waterway enforcement and the protection of Natural Resources for the citizens of Sebastian and Indian River County and visitors to our area. Blatant reckless vessel operation is observed on a regular basis by citizens who report this to the partner agencies. Citizens also report Resource violations involving the harvest of fish species which are out of season and over bag limit violations. This project would allow easy, immediate access to the waterways so patrols and enforcement can be done in a timely manner to ensure the protection of Florida's natural resources and people through proactive, responsive law enforcement services.

Protection of Florida's fish, wildlife and habitats are necessary to ensure their long-term well-being and continued viability for educational, recreational and commercial activities. This enriches the outdoor experience of residents and visitors. Marine patrol agencies are recognized as the leading national resources law enforcement divisions on the ICW. These agencies are set apart by strategic operations, clear missions, strong education and professionalism by conducting environmental, natural resource criminal investigations and protecting the public and environment from illegal environmental violations.

The City of Sebastian community will also become more aware of the available day slips located for many years at this Pier, but seldom used. By adding the facility to this existing location, the public will see the safety patrol vessels and information signage, which will work to highlight the availability of these day slips to the public. The location of this facility at the public docks will also act to enforce allowable uses and educate the public on how marine patrol provide safety to the waterways.

For reviewer only)
(1-4 points)

10) EDUCATION:

a) What are the educational benefits (if any) of this proposed project?

The educational benefits for locating this facility within the community are numerous. The Twin Piers are located within a public park and frequently used waterside pathway. The location of this facility and informational signage will provide education to the general public on what services marine officers provide and highlight the available day slips for recreational boaters. In addition, Marine officers on a regular basis educate the younger operators and personal watercraft users in safe operation and educate in wildlife impacts when reckless operation occurs. Boating safety classes could use this facility as a reference location.

Just being able to watch these agencies operate under emergency or inclement weather conditions at a safe observation area will be great education for the public!

b) How does the project or program provide effective public boating education or expand boater safety?

Informational signage will be installed at the entrance to the Pier that will educate the public on maritime laws and vessel operations, licenses required to operate personal water craft and natural resource. Many events occur at the Riverview Park area and now the maritime unit can participate and assist community policing units with any events. Maritime officers can provide education of boating and the safety of vessel operation as part of formal classes or as part of the annual Community Night Out event in the City. The facility proposes to provide an educational kiosk on the walkway adjacent to the entrance to the Pier where people can go to obtain information regarding marine safe operation and Natural Resource laws. Additional, information may be provided on specific game fish identifiers and bag limits. Direct emergency contact information would be made available to citizens with questions about maritime and natural resource laws.

(For reviewer only)
(1 -3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	NORTH COUNTY MARINE LAW ENFORCEMENT FACILITY
Applicant:	CITY OF SEBASTIAN POLICE DEPARTMENT

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Boat lifts with roof/covering	\$60,000.00		
Dock box and cart	\$5000.00		
Pressure washer	\$600.00		
Water extension (well in park)	\$2500.00		
Electric extension (box at Pier entrance)	\$2500.00		
Marine lights	\$2600.00		
Security gate and lock for dock	\$10,000.00		
Security cameras	\$6800.00		
Signage	\$10,000.00		
**TOTALS =	\$ 100,000.00	\$ 50,000.00	\$ 50,000.00

ATTACHMENT E-6**PROJECT TIMELINE**

WATERWAY ASSISTANCE PROGRAM FY 2023

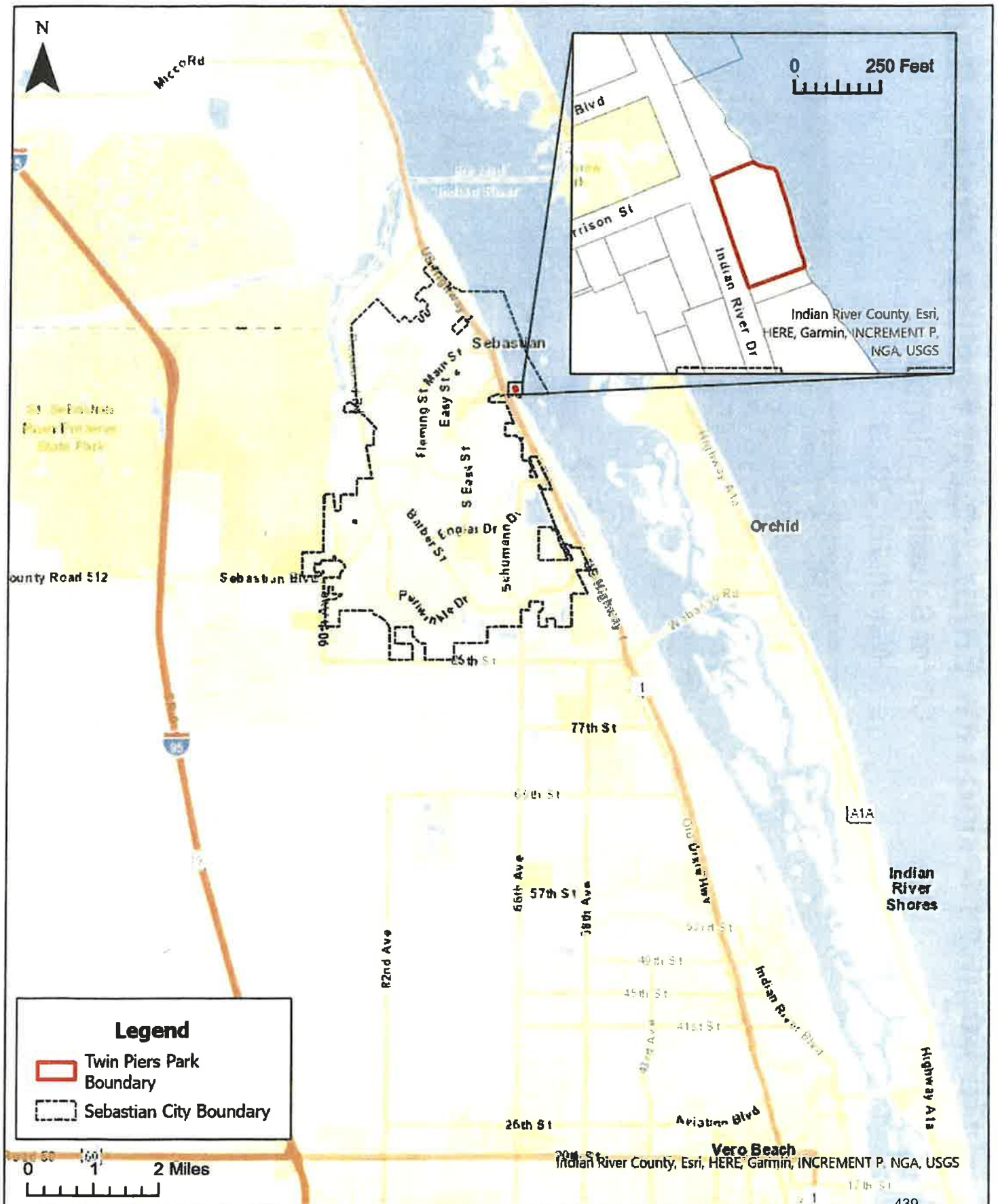
Project Title:	NORTH COUNTY MARINE LAW ENFORCEMENT FACILITY
Applicant:	CITY OF SEBASTIAN POLICE DEPARTMENT

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

	Date	Component
PERMITTING:	April 2023–Sept 2023	Modification of SSL Permit
DESIGN/BIDDING:	October 2023-January 2024	Product identification/pricing/bidding
INITIATION OF INSTALLATION:	Nov 2023	
COMPLETION OF INSTALLATION:	April 2024	

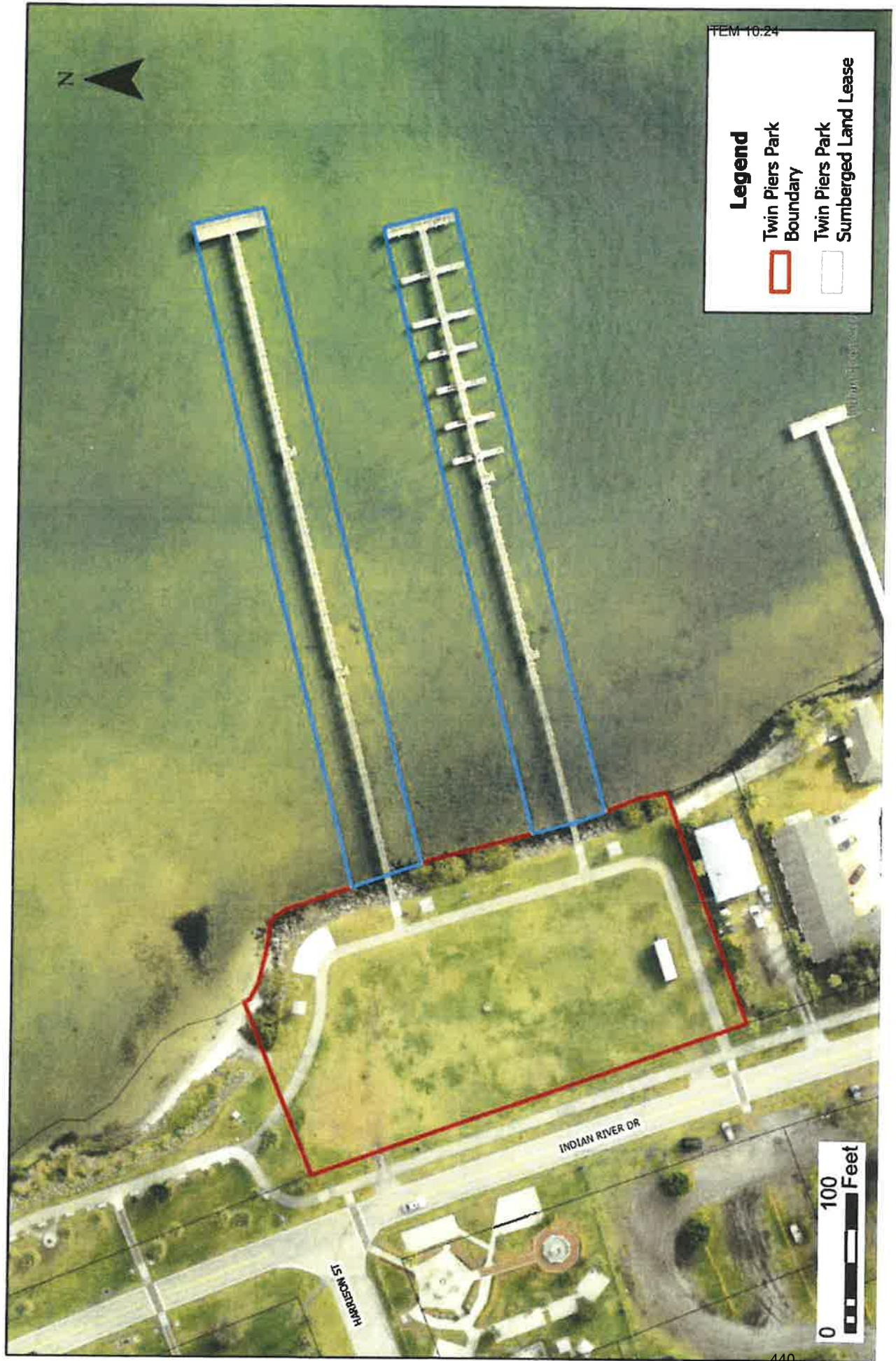
Twin Piers Park



North County Marine Law Enforcement Facility - Project Boundary

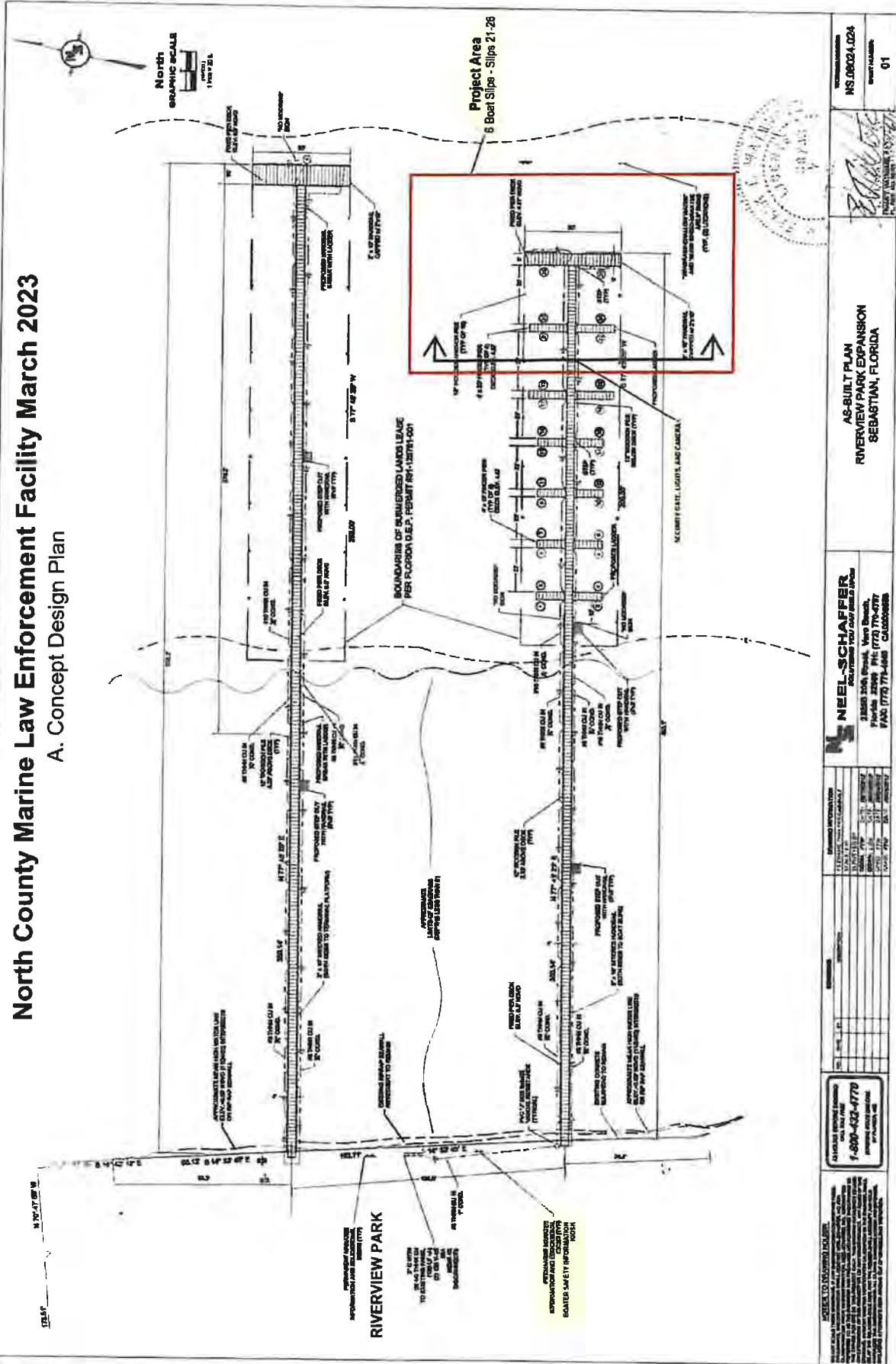
City of Sebastian, Florida

March 13, 2023



North County Marine Law Enforcement Facility March 2023

A. Concept Design Plan



B. Existing Site Photos



1. View east at gate site



2. View northeast at gate site



3. View southeast at gate site



4. View northwest at end of pier



5. View southwest at end of pier



6. Existing educational kiosk



7. Existing educational kiosk

B. Sample Products



8. Example boat lift with roof



9. Example dock box



10. Example pressure washer



12. Example security gate



12. Example security camera



11. Example marine lights



12. Example security gate and camera

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: CITY OF SEBASTIAN			
Department: COMMUNITY DEVELOPMENT DEPARTMENT/COMMUNITY REDEVELOPMENT AGENCY			
Project Title: WORKING WATERFRONT EXTENSION Phase I			
Project Director: LISA FRAZIER		Title:	DIRECTOR/CRA MANAGER
Project Liaison: <i>(if different from Director)</i>		Title:	
Mailing Address:	1225 MAIN ST		
City: SEBASTIAN	Zip Code:	32958	
Email Address: LFRAZIER@CITYOFSEBASTIAN.ORG	Phone #:	772-388-8228	
Project Address:	1532 INDIAN RIVER DRIVE, SEBASTIAN, FL 32958		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____

DATE: _____

3/27/23

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The City is pursuing a grant from the Florida Inland Navigation District (FIND) to assist with the funding for a Phase 1 of project entitled **WORKING WATERFRONT EXTENSION in the amount of \$120,000.**

The City of Sebastian and Fisherman's Landing Sebastian (FLS) are working together to secure necessary funding in order to expand the Working Waterfront facilities and secure safe harbor for our commercial and aquaculture industry. Currently, commercial fishing vessels and aquaculturalist are at risk of losing a place to conduct business here in Sebastian and along the east coast of Florida. Many existing marina facilities are no longer able to accommodate commercial fishing vessels in exchange for more lucrative and smaller space for recreational vessels. The City recognized that the existing facilities at the Fisherman's Landing Working Waterfront Park is smaller in size than adjacent private marinas along the Sebastian waterfront and has taken steps with the Florida Department of Environmental Protection (FDEP) to expand the existing Submerged Land Lease. The FIND grant will provide the opportunity to expand the docks and slips necessary to accommodate the ever expanding need for more slip space for the commercial fisherman and our existing clam and oyster aquaculture farms. The grant funding will provide assistance for Phase I of the project which consists of all permitting and design, including the submerged land lease extension and bid documents.

ATTACHMENT E-3
PROJECT INFORMATION
 WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: CITY OF SEBASTIAN	Project Title: WORKING WATERFRONT EXTENSION Phase I	
Total Project Cost: \$ 120,000.00	FIND Funding Requested: \$ 60,000.00	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$60,000.00	
Source of Applicant's Matching Funds:	CRA/DST RESERVES	

1. **Ownership of Project Site (check one):** Own: ☒ Leased: ☐ Other: ☐

2. **If leased or other, please describe lease or terms and conditions:**

3. **Has the District previously provided assistance funding to this project or site?** Yes ☒ No: ☐

4. **If yes, please list:**

- Phase 1 Working Waterfront Fish Market and Exhibit Room
- Phase 2 – Fish House Marina (\$157,000) 2014
- Phase 2A – Public Restroom (\$88,551) 2015
- Phase 3 – Parking and Shoreline Improvements (\$170,000) 2018

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

The property does not contain a boat ramp but maintains 12 boat slips for the fisherman to tie up and off load their catch at the Commercial Fish House and marina. The Park includes 364 linear feet of boardwalk for use by the fisherman exclusively and 410 linear feet for the public's use, including a public viewing area with bench to watch the activity. The facility includes a new loading ramp utilized by the commercial operation, +/- 5000sf of loading area, on street parking, +/-16 trailer/fishermen designated parking, and over 60 public parking spaces on the west side of Indian River Drive.

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

The project proposes to potentially add an additional 27 slips, +/-5000 sf of aquaculture area and associated docks to the commercial marina. Adequate parking area exists on the west side of the park which will be improved with additional parking/trailer spaces as part of the overall design.

7. **Are fees charged for the use of this project?** No ☒ Yes ☐ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	Yes - stormwater		
DEP/DACS	Yes - SSLL		
ACOE	Yes – sea		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	WORKING WATERFRONT EXPANSION Phase I
Applicant:	CITY OF SEBASTIAN

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application. (The application may only be of **one** type based upon the predominant cost of the project elements.)

~~Priority Project Category #11~~ Priority Project Category #5 Development of public commercial waterway access

- b) Explain how the project fits this priority category.

The project is a continuation of approved infrastructure improvements that are part of the Working Waterfront Master Plan for a "Public Waterfront Park". FIND has been instrumental in funding much of the associated improvements to establish public access to this working waterfront including a commercial fishing marina, public restrooms, public walkway, and educational facilities. The current project is a continuation of the essential infrastructure improvements necessary to provide an adequate facility for the commercial fishing operation by extending the existing marina. Previous improvements completed in 2020 included shoreline protection, parking, and loading areas.

(For reviewer only)

Max. Available Score for application 48

Question 1. Range of Score (1 to 6 points)

2) WATERWAY RELATIONSHIP:

a) Explain how the project relates to the ICW and the mission of the Navigation District.

The proposed commercial fishing marina extension at the Working Waterfront Park relates to the ICW and mission statement by FIND to provide the public with an opportunity to view and learn about the local fishing/aquaculture industry and the aquatic ecosystem of the Indian River Lagoon which are important historic, economic and environmental elements to the City of Sebastian and the State of Florida.

b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

The public will have open access to view the Indian River Lagoon from the shoreline viewing deck and get educated on the history of fishing and aquaculture. From the viewing area, the public is able to witness first-hand the fishing industry by viewing the commercial fishing operation at the Fish House and Marina. The economic and environmental value of this industry to our waterway will help to benefit the fishing industry and ICW. The extended marina will accommodate more vessels that have easy access to the ICW, Inlet and River systems which is key to the commercial fishing industry.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.

Currently, the public enjoys the views, historic value and current established uses at this Working Waterfront Park seven days a week at no charge. During the peak tourist season, many visitors walk the boardwalks, eat at the outside decks and view the numerous wading birds and seabirds which congregate at the working docks. With the addition of commercial fishing slips, the activity around the facility will increase, providing the public a rare glimpse into the life of a working fisherman. The proposed construction of the Working Waterfront marina extension will protect the historic site from future demise as it is currently unable to accommodate the present and future needs of the fishing and aquaculture industries. The site will be a showcase of a traditional Working Waterfront, offering the public an educational and enjoyable experience.

b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.

The Sebastian Working Waterfront Park is open to the public seven days a week and is easily accessible from major corridors. It is one of a very few working waterfronts along the east coast that has the ability to publically share the historic and current value of the fishing industry to the region and entire State of Florida. The economic and environmental benefit to the region and local community of Indian River County comes from providing visitors the opportunity to view, learn and experience the historic Sebastian fishing industry and local marine life along the Indian River Lagoon.

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

Phase I of the Extension project shall consist of acquiring all of the relevant permits required for this type of development project. Permits will consist of SJRWMD stormwater permit for improvements to the landside parking area, USACE individual permit for development within the Waters of the State and FDEP/FDACS for extension of the SSLL. The City anticipates that these permits will take one year or less for approval which will be plenty of time starting in October. However, Seagrass Bed Surveys must be conducted in June 2023 in order to meet the conflicting schedules of the State and Federal permitting agencies (June is the overlapping month!). The City will conduct these surveys with previously allocated funds and be prepared to submit the request for permits following grant authorization.

A conceptual drawing and bathymetric survey has been completed (See attachments) which will be utilized for the initial permitting submittals. Final engineering design will be completed simultaneously with approvals and vetted with the FLS group. Therefore, it is projected that the timeline for the completion of the project is consistent with Attachment E-6.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

The unique aspect or feature of this project that may negatively affect the projected timeline is the low staffing of the regulatory agencies which may affect the timeliness of the permit authorization. However, due to the public importance of this project, generally the agencies are more prone to assist if able. We have conducted outreach to the FDEP and FDACS who are engaged and familiar with the request. In addition, we have engaged the support of Senator Debbie Mayfield whose husband's foresight helped to establish the Stan Mayfield Working Waterfronts.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

Funding for the maintenance and improvements comes in part from the City's Community Redevelopment Agency and Discretionary Sales Tax (DST) reserves. The City has programmed the proposed preliminary costs in the FY 2022/2023 Capital Improvement Program to cover costs associated with the conceptual plans and sea grass bed survey. The FY 2023/2024 CIP will include the matching funds to cover the cost of engineering design and permitting. In addition, the City currently leases the commercial fishing area for a nominal fee to Fisherman's Landing Sebastian, Inc. who continuously contribute to the site improvements.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

Phase 1 of the Working Waterfront Extension will include engineering design and permitting. Project costs are not anticipated to be increased beyond what is requested. However, some permitting issues may be raised that are not anticipated, but should not be unsurmountable.

c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

The Working Waterfront Park was established utilizing Florida Communities Trust (FCT) funding through the Stan Mayfield Working Waterfront grant. This funding source was established to encourage the continuation of the fishing industry by allowing commercial vessels access to the waterways and a designated marina for their loading and offloading operation. Therefore, the Working Waterfront Park in Sebastian does restrict the marina, associated docks and distribution loading area to commercial access only. These uses have been designated in certain areas that allow for the safety and protection of both the public and the commercial operation. The site has been carefully designed to allow the public to easily access the viewing areas without interference with the commercial fishing operation.

(For reviewer only)
(1-8 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The Sebastian Working Waterfront Park allows the public the ability to view, learn and experience the real fishing industry operations at the marina viewing area and be educated on the long fishing history of the Sebastian Fishing Industry. Though the Working Waterfront continues to provide the commercial fishing industry a facility within which they may conduct their unique trade, it is too small to have a long viable future. The opportunity to extend an existing successful facility to accommodate new users is beneficial to the industry. Existing facilities are insufficient and waterfront space is nonexistent within the 1.5 mile riverfront within Sebastian. Designated marinas for commercial fishing operations and aquaculture docks are far and few between along the east coast of Florida. The unique location of the working waterfront's easy access to the Atlantic Ocean through the inlet increases the need for safe harbor for our various commercial industry vessels that is no longer available in private marinas. Additionally, the aquaculture trade requires designated dock space and land leases in order to harvest their select bivalve mollusks.

Preservation of this industry provides an important economic benefit to the State of Florida. Fishing is an important economic activity which provides food from the sea and thereby creates employment not only for whoever directly collects that food but also for those who operate in the entire chain. According to Florida Department of Agriculture and Consumer Services (FDAC), Florida ranked 11th among U.S. states in 2021 for fresh seafood production with 110 million pounds harvested and a dockside value of \$262 million, which is 4.2 percent of U.S. total value.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The City of Sebastian promotes the historic Sebastian fishing industry through the Working Waterfront Park which ensures the community an opportunity to support, view, learn and experience the fishing industry of Sebastian. The Working Waterfront Park site improvements are included in the Florida Communities Trust (FCT) Working Waterfront Park Master Plan and are part of the Riverfront Community Redevelopment Area (CRA) Master Plan. The Working Waterfront Park is an essential part of the community's economic redevelopment. Therefore, the facility is designated line item budgeted maintenance funds on an annual basis from CRA Tax Increment Financed revenue based on ad valorem taxes. Additionally, the Fisherman's Landing Sebastian, Inc. is the group who leases the property for commercial fishing and distribution purposes and pays a nominal rent to the City. This group is also responsible for minor repairs and improvements to the facility. The City and FLS have enjoyed a good working relationship for over 12 years.

c) Is this project referenced or incorporated in an existing maritime management, public assessor comp plan?

The Working Waterfront Park site improvements are included in the Florida Communities Trust (FCT) Working Waterfront Park Master Plan and are part of the Riverfront Community Redevelopment Area (CRA) Master Plan. Additionally, the site is incorporated into the City of Sebastian Comprehensive Plan 2040 as an economic redevelopment property.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.

There are no fees associated with the general public's use of this facility.

d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.

(For reviewer only)

(1-6 points)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
 If permits are NOT required, explain why not.**

Phase I of the Extension project shall consist of acquiring all of the relevant permits required for this type of development project. Permits will consist of SJRWMD stormwater permit for improvements to the landside parking area, USACE individual permit for development within the Waters of the State and FDEP/FDACS for extension of the SSL. The City anticipates that these permits will take one year or less for approval which will be plenty of time starting in October. However, Seagrass Bed Surveys must be conducted in June 2023 in order to meet the conflicting schedules of the State and Federal permitting agencies (June is the overlapping month!). The City will conduct these surveys with previously allocated funds and be prepared to submit the request for permits following grant authorization.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

Phase II of the project will consist of potentially extending the SSL approximately 300 additional feet to add 27 slips, +/-5000 sf of aquaculture area and associated docks to the commercial marina. Parking area on the west side of the park will be improved with stabilization, drainage, and additional designated parking/trailer spaces as part of the overall design. The anticipated costs estimated for this future Phase II work is estimated to be between \$500,000 to \$600,000 and will be part of future budget cycles. The City may also seek legislative funding for this project as part of the Stan Mayfield Working Waterfront in order to alleviate future costs.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

No significant impediments have been identified for the proposed project that may impact the issuance of the modified permits.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

- a) Has the design work been completed?
If this is a Phase I project, has a preliminary design been developed?**

A preliminary design has been completed and is included in Attachment 12 along with the existing site plan and bathymetric survey.

- b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

Unique benefits to the proposed design include enhancements to the safe use and access for the commercial fishing industry and aquaculturist at the Working Waterfront Park. The project will continue to meet the intention of the Working Waterfront Park by providing safe access to the public to view, learn, and experience the fishing industry along the Indian River Lagoon. Seagrass bed surveys will be conducted in order to make sure these areas are not detrimentally impacted by the design and use of the area. Final design will incorporate any avoidance or mitigation required for the construction of the marina. Additionally, the site will incorporate the growth of bivalves at the marina, either through ground leases or upwellers, which enhances the water quality of the lagoon. The City has many public piers which contain oyster wraps and floating reefs. These elements will be incorporated into this design as well.

*(For reviewer only)
(1-2 points)*

9) CONSTRUCTION TECHNIQUES:

- a) Briefly explain the construction techniques and materials to be utilized for this project.
Identify any unique construction materials that may significantly alter the project costs.
If a Phase 1, elaborate on potential techniques.**

The project will require construction practices and materials utilized in the industry for providing piers and marinas throughout Florida. No unique construction materials are anticipated for this project. Marine grade electric, lighting, and safety features will be added as part of the final construction design.

- b) What is the design life of the proposed materials compared to other available materials?**

The Waterfront Park is directly adjacent to the Lagoon, a sensitive natural environment. Construction techniques will consider design and materials that will not contribute to the degradation of the natural environment, while continuing to provide the safety features required for the stabilization of the site facilities.

*(For reviewer only)
(1-3 points)*

10) ENVIRONMENTAL COMPONENTS:

a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?

Environmental benefits to the Indian River Lagoon are important components of any project in the City of Sebastian. Reduction to the environmental impacts from the existing use was considered as part of the previous projects at the Working Waterfront, from native plantings to stormwater treatment. Piers at the facility are wrapped in fabric containing oyster shells and living reefs hang from the piers in order to provide, not only education, but water quality enhancements at the public park. Many years back, a baffle box was added to the site in order to increase the treatment of stormwater runoff prior to outfalling into the lagoon. The users of the working waterfront marina are generally good stewards of the environment since a healthy environment is tantamount to the success of the industry.

The City of Sebastian has an established program, Sustainable Sebastian, which is overseen by the Natural Resources Board. Commitment to the environment can also be seen in the newly update Comprehensive Plan 2040 and existing Land Development Codes.

b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?

The City of Sebastian has completed their Coastal Resiliency Plan and recognizes that this facility is within part of the Coastal High Hazard areas of the City. Infrastructure design elements will be incorporated into the extended facility in order to prevent future damage from storm surges. The existing facility is located in a well-protected spot with spoil islands providing much needed buffering. The existing facility has fared very well during recent storms and is consistently maintained by the lessee.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	WORKING WATERFRONT EXTENSION
Applicant:	CITY OF SEBASTIAN

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Permits ACOE and FDEP/FDACS			
Final Engineering Design Plans			
Bidding and Advertisement			
**TOTALS =	\$ 120000.00	\$ 60,000.00	\$ 60,000.00

ATTACHMENT E-6**PROJECT TIMELINE****WATERWAY ASSISTANCE PROGRAM FY 2023**

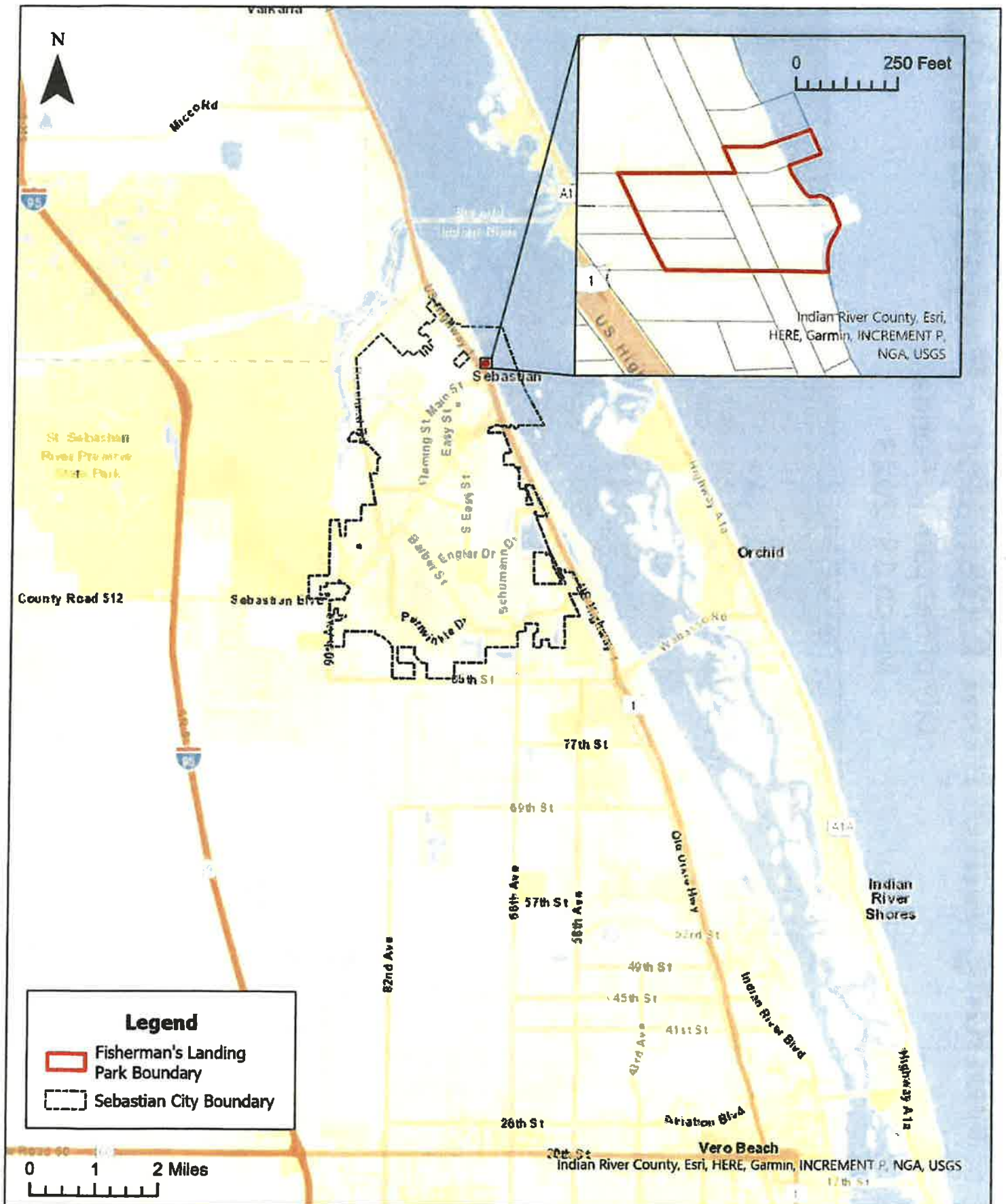
Project Title:	WORKING WATERFRONT EXTENSION
Applicant:	CITY OF SEBASTIAN

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

	Date	Component
Permitting:	Oct 2023 – April 2024 Jan 2024 – April 2024	ACOE and FDEP/FDACS SJRWMD
Preliminary Engineering:	Oct 2023 – Jan 2024	
Final Engineering:	Jan 2024 – Feb 2024	
Bid Documents:	Feb 2024	
Advertisement/Award:	March 2024 – May 2024	

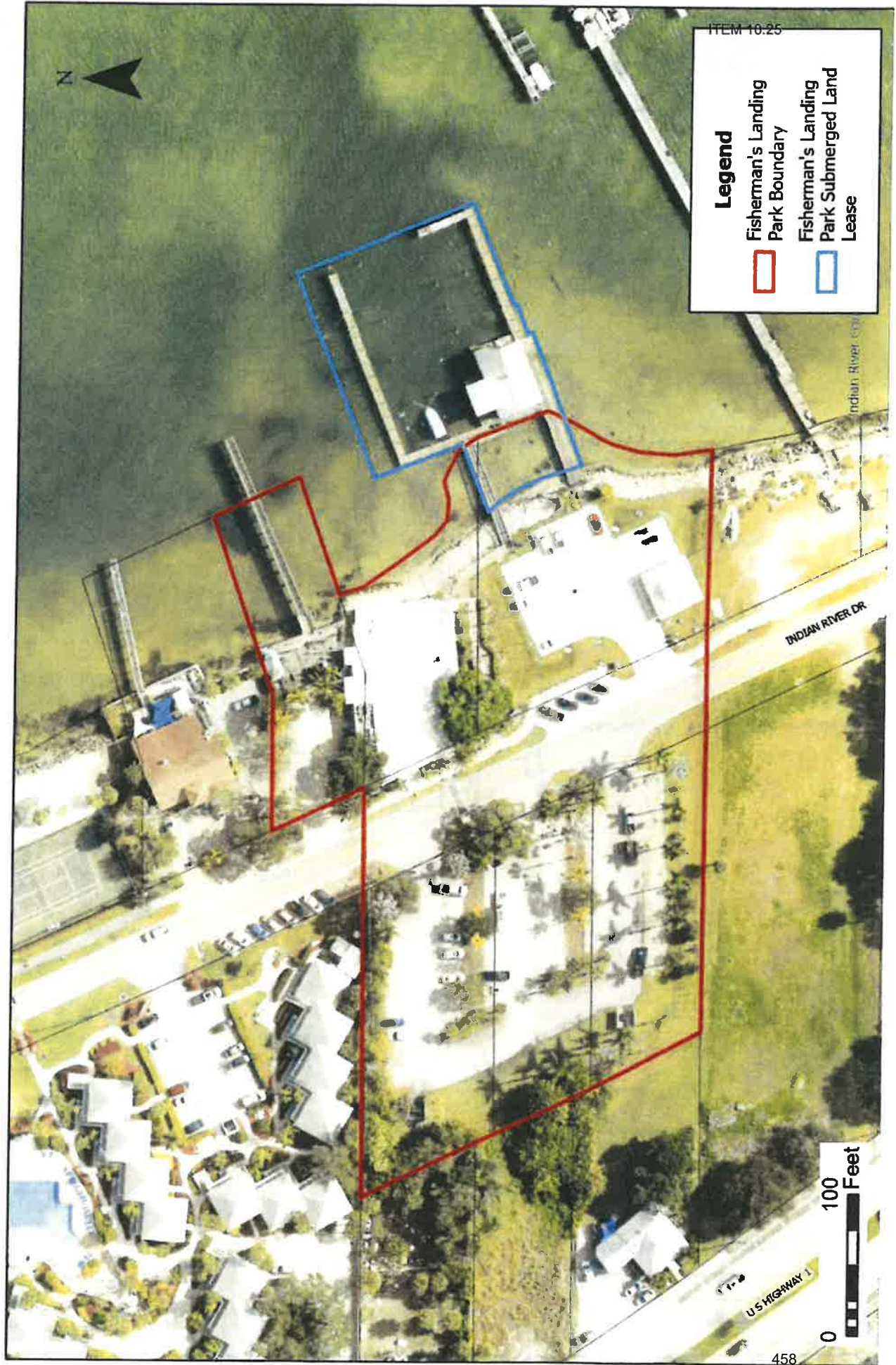
Fisherman's Landing Park



Working Waterfront Extension - Project Boundary

City of Sebastian, Florida

March 13, 2023



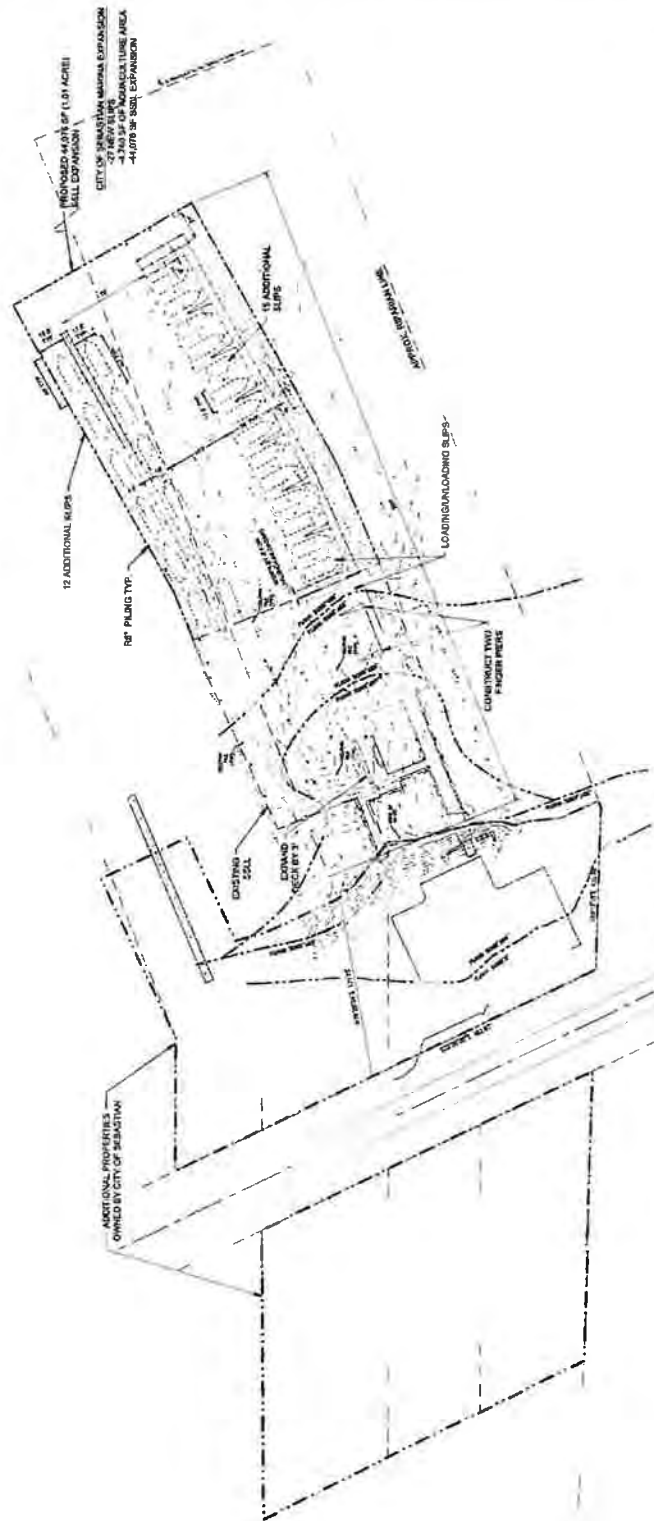
[illegible][illegible]

LINE	Bearing	Distance
L1	N 13° 51' 31" W	15.48
L2	N 13° 51' 31" W	15.48
L3	S 07° 52' 22" W	9.80
L4	N 01° 23' 07" E	14.02
L5	N 01° 23' 07" E	20.25
L6	N 07° 30' 13" W	13.99
L7	N 43° 49' 16" W	10.96
L8	N 44° 02' 28" W	10.37
L9	N 27° 14' 25" W	22.27
L10	N 27° 14' 25" W	10.37
L11	S 09° 53' 27" W	12.44
L12	N 04° 13' 59" W	17.63
L13	N 25° 21' 12" W	17.63
L14	N 25° 21' 12" W	17.63
L15	N 05° 42' 02" W	13.48
L16	N 05° 42' 02" W	13.48

[illegible]

FISHERMAN'S LANDING 1532 SEBASTIAN RIVER DRIVE SEBASTIAN, FL INDIAN RIVER COUNTY	SITE PLAN (ADDED SIDEWALK)	SCHULKE, BITTLE & STODDARD, L.L.C. C-400 ITEM 10.22
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ITEM 10.25



FISHERMAN'S LANDING
1632 INDIAN RIVER DRIVE
SEBASTIAN, FLORIDA
INDIAN RIVER COUNTY

SCHULKE, BITTLE & STODDARD, L.L.C.
 CHIEF : 1001 North MacArthur Blvd., Suite 200, Jacksonville, Florida 32209
 1001 North MacArthur Blvd., Suite 200, Jacksonville, Florida 32209
 TEL 772 / 770-9622 FAX 772 / 770-9646 EMAIL info@schulkebittle.com

ITEM NO. 25
C-100
REF. 25.1.10
01-002

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: Indian River Cnty Sheriff's Off			
Department: Grants/Special Operations Unit			
Project Title: Safety on the Intra-coastal Waterways Sheriff's Office Vessel			
Project Director: William Luther		Title:	Cpt. Special Ops Unit
Project Liaison: <small>(if different from Director)</small>	Casey Holmgren	Title:	Grant Specialist
Mailing Address:	4055 41st Avenue		
City: Vero Beach	Zip Code:	32960	
Email Address: casey.holmgren@ircsheriff.org	Phone #:	772-978-6213	
Project Address:	4055 41st Avenue, Vero Beach, FL 32960		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: Casey Holmgren DATE: 4/24/2023

<p>PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)</p> <p>This project is to improve and maintain safety within the ICW of Indian River County and reduce response times to emergency calls in the Indian River lagoon.</p>
--

ATTACHMENT E-3

ITEM 10.26

PROJECT INFORMATION**WATERWAY ASSISTANCE PROGRAM FY 2023**

Applicant: Indian River Cnty Sheriff's Off	Project Title: Safety on the Intra-coastal Waterways	
Total Project Cost: \$ 200,000.00	FIND Funding Requested: \$ 100,000.00	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	100,000.00	
Source of Applicant's Matching Funds:	Indian River County Sheriff's Office budget	

1. **Ownership of Project Site (check one):** Own: ☐ Leased: ☐ Other: ☒

2. **If leased or other, please describe lease or terms and conditions:**

This application for assistance would assist the Indian River County Sherriff's Office with the purchase of two (2) motors for our emergency response vessels.

3. **Has the District previously provided assistance funding to this project or site?** Yes ☐ No: ☒

4. **If yes, please list:**

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

N/A

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

N/A

7. **Are fees charged for the use of this project?** No ☒ Yes ☐ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD			
DEP			
ACOE			

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Safety on the Intra-coastal Waterways
Applicant:	Indian River Cnty Sheriff's Off

1) PRIORITY LIST:

- a) **Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

17. Other waterway related projects.

- b) **Explain how the project fits this priority category.**

Our Law Enforcement agency assists multiple agencies with investigation and resolution of hazardous situations on the ICW with the 22 miles of waterway within Indian River County consisting of direct access to the Atlantic ocean.

(For reviewer only)

Max. Available Score for application 45

Question 1. Range of Score (1 to 3 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.

Promoting public safety.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

Safer operation for all boaters.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access.
Estimate the amount of total public use.

This project will improve overall safe navigation of the ICW within Indian River County.

- b) Discuss the regional and local public benefits provided by the project.
Can residents from other counties of the District reasonably access and use the project? Explain.

N/A

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

Navigable, inland waterways are consistently monitored for waterway regulation violations with regard to vessel operation and waterway pollution mitigation.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

Outboard engine manufacturers are projecting a (55) week wait time which may reduce. We hope to have the project completed no later than April of 2024.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

Supply and demand may interfere with the availability of the items needed to complete the project.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

Approved funding to match the 50% overall project costs.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

N/A

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

N/A

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The project is for oversight of inland navigation, waterway safety and enforcement. We use a variety of platforms to achieve this goal. Due to the annual utilization of this particular vessel, the current power plants are in need of replacement so we can continue efforts to maintain safe, navigable waterways.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

Service is completed with budgeted funds at a rate indicated by the manufacturer of the power plants.

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

N/A

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4C
EVALUATION WORKSHEET
LAW ENFORCEMENT & BOATING SAFETY PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A LAW
ENFORCEMENT OR BOATING SAFETY PROJECT

7) VIABILITY:

- c) Describe how the project will address particular public health, safety, or welfare issues of the Navigation District's Waterways.**

By continuing enforcement of Florida state laws along with safe vessel navigation practices.

- d) How does the project provide significant benefits or enhancements to the District's Waterways?**

By increasing the overall safety of boaters, kayakers and persons enjoying the navigable waterways of the Indian River lagoon, this project will promote continued advancement of local and visitor use of the lagoon.

(For reviewer only)
(1-3 points)

8) EXPERIENCE & QUALIFICATIONS:

- a) List the personnel tasked with the implementation of this project, their qualifications, previous training and experience.**

Sergeant Luke Keppel and Mike's Marine. Mike's marine is a certified maintenance facility for these particular power plants.

- b) Have the personnel participated in or received state marine law enforcement training?**

All vessel operators have been certified in Marine Law Enforcement through IPTM along with OUPV certification as vessel captains.

(For reviewer only)
(1-2 points)

9) DELIVERABLES:

- a) Describe the anticipated, long-term measurable results of implementing this project.**

This vessel has recently increased its utilization with implementation of a full time marine unit within the Indian River County Sheriff's Office.

- b) What is the range or area of coverage for this project? Please provide a map of the coverage area.**

(22) miles of inland navigable waterways of the Indian River lagoon located in Indian River County.

- c) Does the project fulfill a particular community need?**

This project will allow us to continue offering a safe lagoon for local and tourist use alike.

(For reviewer only)
(1-4 points)

10) EDUCATION:

a) What are the educational benefits (if any) of this proposed project?

N/A

b) How does the project or program provide effective public boating education or expand boater safety?

Operators tasked with enforcement of waterway laws and restrictions will often times educate boaters to promote public safety coupled with safe vessel navigation.

(For reviewer only)
(1 -3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Safety on the Intra-coastal Waterways
Applicant:	Indian River Cnty Sheriff's Off

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Purchase two(2) motors for emergency response vessels.	200,000.00	100,000.00	100,000.00

**TOTALS =	\$ 200,000.00	\$ 100,000.00	\$ 100,000.00
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ATTACHMENT E-6**PROJECT TIMELINE**

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Safety on the Intra-coastal Waterways
Applicant:	Indian River Cnty Sheriff's Off

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
10/2/2023	obtain updated quotes
12/01/2023	complete purchase orders for motors
12/01/2024	receive motors
01/01/2025	install motors on vessels
04/01/2025	start utilization of vessels on ICW

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: Indian River County			
Department: County Administrator			
Project Title: Environmental Learning Center Main Dock Replacement Part II			
Project Director: Michal C. Zito, Esq.		Title:	Interim County Admin*
Project Liaison: <i>(if different from Director)</i>	Barbara Ford-ELC/ Wendy Swindell-IRC		Title: Executive Director. ELC; IRC Con Lands Mang.
Mailing Address:	1801 27 th Street		
City: Vero Beach	Zip Code:	32960-3388	
Email Address: barb@discoverelc.org/ wswindell@ircgov.com	Phone #:	772-226-1781- W Swindell	
Project Address:	255 Live Oak Drive Vero Beach, FL 32963		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____



DATE: _____

3/23/23

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

Additional funding request to augment the 2021 approved FIND grant agreement (project no. IR-21-71) to replace the 30-year old, FIND-funded public dock with a new public environmental education dock in the same location, footprint, and configuration.

ATTACHMENT E-3

ITEM 10.27

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: Indian River County	Project Title: Environmental Learning Center Main Dock Replacement Part II	
Total Project Cost: \$100,000	FIND Funding Requested: \$50,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$50,000	
Source of Applicant's Matching Funds:	Private donations currently in-hand	

1. **Ownership of Project Site (check one):** Own ☒ Leased: ☐ Other: ☐

2. **If leased or other, please describe lease or terms and conditions:** 99-year Lease executed on 3/6/1987 between Indian River County and Pelican Island Audubon Society (PIAU) to allow use of the property for public educational purposes. Lessee intends to develop a learning center (ELC) for the use and benefit of the people of Indian River County and of the State of Florida. Said Lease assigned by PIAS to the ELC, a FL corporation, 1/4/1989. Copies available.

3. **Has the District previously provided assistance funding to this project or site?** Yes ☒ No: ☐

4. **If yes, please list:** FIND 2021 (project no. IR-21-71) Environmental Learning Center Main Dock Replacement and FIND 1992 Construction of public environmental education dock. Both with Indian River County (owner) and Environmental Learning Center (Lessee).

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)?** (as applicable): 2 Boat Slips, used for a 10-16 passenger pontoon tour vessel; 360 Linear Feet of Boardwalk; 2 – 4 public vessel mooring sites close to existing facility used by cruisers on the ICW.

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?** No expansion of the facility proposed.

7. **Are fees charged for the use of this project?** No ☐ Yes ☒ *

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.** The ELC has a scholarship fund that is used to take out underserved youth at no cost. They also have Eco Pontoon tours at \$35 for adults and \$15 for children. These tour the Lagoon with a captain and a naturalist to provide education on the unique estuary environment. A similar tour given through Captain Hiram is \$35 for adults and \$12 for children.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	No		
DEP	Yes	6/30/2021	7/29/2021
ACOE	Yes	6/30/202	7/29/2021

Form No. 90-22a (New 10-14-92, Rev. 04-24-06, 4-15-07)

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Environmental Learning Center Main Dock Replacement Part II
Applicant:	Indian River County

1) PRIORITY LIST:

- a) **Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

Waterway related environmental education programs & facilities.

- b) **Explain how the project fits this priority category.**

Replacement of the ELC dock will provide a facility that supports environmental education programs serving the mission of the ELC and the terms and conditions of its Lease with Indian River County to provide environmental education programs for use and benefit of the people of Indian River County and of the State of Florida. A substantial proportion of the waterway related environmental education programs offered by the ELC depend on the 30-year old, deteriorating docking facility herein proposed for replacement, and the ICW for access to tour destinations.

(For reviewer only)

Max. Available Score for application

44

Question 1. Range of Score (1 to 2 points)

2) WATERWAY RELATIONSHIP:
a) Explain how the project relates to the ICW and the mission of the Navigation District.

The FIND-funded, waterway dock facility at the ELC is about 320 feet from the ICW, and is directly in sight of the ICW channel. All tours from the ELC depend on the use of the ICW channel. All environmental educational programs offered by the ELC describe and emphasize the role and public benefits of the ICW and of the Navigation District.

b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

The FIND-funded, waterway related dock facility at the ELC has traditionally been used by boaters along the ICW for moorage, and this long-standing public access and benefit would be supported and enhanced by the proposed project.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:
a) Describe how the project increases/improves boater/public access.
Estimate the amount of total public use.

Residents from Indian River along with other counties of the District can easily access and use the ELC docking facility as it is directly accessible from U.S. Highway 1 via C.R. 510, which is less than 1/8 mile to the north of the ELC on a paved, public road (Live Oak Drive). ELC facility is shown on standard navigational charts as a "stop," and is regularly used by vessels cruising the ICW.

b) Discuss the regional and local public benefits provided by the project.
Can residents from other counties of the District reasonably access and use the project? Explain.

The water related environmental education programs made possible by the FIND-funded facility at the ELC are unique within our region of Florida. Replacing the deteriorating, 30-year old ELC dock will allow the ELC to continue expanding and innovating its water related environmental education programs, which are provided for the regional and local public.

c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

Commercial access or restrictive use of this site is subject to the conditions of the Lease with Indian River County, and approval by the Board of the ELC. No prior requests for commercial access or restrictive use of the existing, FIND-funded facility have been made.

(For reviewer only)

(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

Part I (Project no. IR-21-71)-Prior to 10/1/2021 announcement: (1) Currently - 50% Match Funds in-hand (2) 12/27/2021 grant agreement executed. (3) 7/8/2022- Dock repair bids received and on average were \$300,000 over budget with lowest bid \$150,000 over budget. (4) 7/29/2021-All necessary permits received.

Part II (Project no. IR-21-71)- Prior to 10/1/2022 announcement: (1) Currently-50% Match Funds in-hand. Construction of the project was re-bid in January 2023, and the County is processing these bids.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

The proximity and ease of access to the County Wabasso Causeway Park on CR 510 will expedite staging and removal of demolished materials from the existing ELC dock. Likewise, the proximity of CR 510 (within 1/8 mile from the ELC) will speed staging and delivery of all construction materials for the replacement of the facility.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

ELC provided 50% match is in-hand and ready to disburse immediately upon FIND award of cost-share match. This project is truly "shovel ready."

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

The cost of supplies to construct the dock has increased since original application date of 2021 due to supply chain issues and the rapid increase of the cost of lumber. Also, the labor associated with building the new dock has increased since 2021 due to the rise of minimum wage and local cost of living. Thus, the need to request an additional \$50,000 in cost-share match funding.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

The ELC charges \$35 for adults and \$15 for children for Pontoon tours of the Lagoon with a captain and a naturalist to provide education on the unique estuary environment. Others include the use of the dock in their programs and fees are included w admission.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and**

private, in the project area.

Revenue from the tours are used to offset dock maintenance, fuel and boat repairs and payroll expenses for the captain and education team. A similar tour given through Captain Hiram's is \$35 for adults and \$12 for children.

(For reviewer only)

(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

ELC is the primary provider of environmental education programs for the general public and schoolchildren in Indian River County and in our region of the ICW. ELC hosts over 20,000 visitors/year, and our vision is to have them experience immersive, hands-on learning experiences focused on the Indian River Lagoon, which is central to our area's economic, ecological and cultural welfare, providing food, jobs, coastal protection and recreational opportunities. In order to protect this resource for generations to come, residents and visitors alike must form a connection to this critical habitat and understand its importance for the health and livelihood of our community. A central feature of the ELC's immersive campus experience is our Pontoon Tours with our Naturalists. By providing the guests with guided pontoon tours, they can see first-hand this unique IRL ecosystem and learn about its importance.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The Environmental Learning Center has maintained the FIND-funded facility for about 30 years and will continue to budget for Dock Maintenance within its Yearly Operating Budget for years to come. In addition, the organization is backed by an endowment organization, the Environmental Learning Center Foundation.

c) Is this project referenced or incorporated in an existing maritime management, public assessor comp plan?

The ELC is specifically referenced in the Indian River County 2030 Comprehensive Plan, Chapter 9 Coastal Management Element, Objective 13 Education and Public Awareness, Policy 13.2, page 64. Likewise, the Indian River County Manatee Protection and Boating Safety Comprehensive Management Plan, Public Awareness and Education section specifically describes the ELC as the "County's clearinghouse for environmental education programs and materials."

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD) If permits are NOT required, explain why not.**

Required environmental resource permits from DEP and USACE have been applied for and received. County building permits will be secured by the awarded contractor prior to beginning work.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

This is Phase II and final phase of the project, so no future phase costs will be required. Tasks necessary to obtain permits including preparation of design and construction drawings are complete, and the recently received bids are in hand.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

Required permits have already been received.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:
a) Has the design work been completed?

If this is a Phase I project, has a preliminary design been developed?

This is not a Phase I project. Final design plans have been attached.

b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?

The proposed design of the prior FIND-funded facility maintains the same location, configuration and footprint, hence decreasing potential environmental impacts, maintains and improves water quality and reduces costs associated with an enlarged facility. The design is part of a suite of ELC campus improvements to enhance ICW access.

(For reviewer only)

(1-2 points)

9) CONSTRUCTION TECHNIQUES:
a) Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.

Construction techniques shall comply with all requirements of Chapter 18-20, F.A.C. and aspects of Chapter 253, F.S. pertaining to riparian access and use. FDEP dock construction guidance previously issued in coordination with USACE (August, 2001) shall be followed. Contractor shall employ Best Management Practices for the use of turbidity control devices during all phases of construction activities. Turbidity booms installed prior to start of in-water work and in place until all sediments settled from water column. Work barge shall operate within high tides and shall have 1 ft. clearance above seagrass beds and avoid scouring barren bottom. Pilings to be installed by impact driving, with turbidity control devices in place. Project will comply with sea turtle, smalltooth sawfish, and manatee construction conditions.

b) What is the design life of the proposed materials compared to other available materials?

Pilings: will be 8" diam. CCA treated and PVC (or equivalent) wrapped;

Substructure of walkway and terminal platform: will be constructed from CCA treated marine-grade wood;

Decking: will be THRUFLOW 50. Anticipated design life of project is at least 30 years.

(For reviewer only)

(1-3 points)

10) ENVIRONMENTAL COMPONENTS:
a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?

The ELC hosts thousands of visitors annually, and our vision is for them to experience and appreciate the benefits of immersion in nature, understand the value of a healthy environment, be inspired to create a more sustainable world and become stewards of the Indian River Lagoon and the ICW, which is central to our area's economic, ecological and cultural welfare, providing food, jobs, coastal protection and recreational opportunities.

b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?

Project design complies with all State and Federal guidelines to protect natural resources and address impacts of sea level rise to the extent feasible at this time. The life span of the proposed project is anticipated to be at least 30 years.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL
Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-4B
EVALUATION WORKSHEET
ENVIRONMENTAL EDUCATION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS AN
ENVIRONMENTAL EDUCATION PROJECT

7) THOROUGHNESS:

a) Who is the primary target audience or user group for the project and how were they identified?

The ELC project and programs it supports target all audience age groups whether they are local, regional, or global visitors. These user groups have been identified by tracking sign-ins for boat tours, and environmental education programs. The ELC has a contract with the Indian River County School Board to provide environmental education to students in grades 3 and 4. The ELC also provides summer camps for children ages pre-kindergarten through the 8th grade, with high schoolers serving as junior counselors or interns. Our community depends on the ELC as the primary provider of environmental education programs.

b) How have the needs of the target audience been evaluated and met?

We conduct annual email surveys of our members and participants, along with on-site surveys to visitors, of overall performance and expectations. Of those who were surveyed, over 70% were most interested in our pontoon experience.

c) How many people will the program serve on an annual basis? What will be the measurable results?

Currently there are over 4000 visitors who take one of our educational Pontoon tours each year. In addition, there are an additional 400 children in various camps and programs that incorporate either the dock or the pontoon boat into their curriculum. Since starting the pontoon tours in 1996, approximately 20,000 visitors have explored our lagoon using our FIND-funded dock and the ICW.

8) DELIVERABLES:**a) Describe the materials and project deliverables to be produced by this project.**

The project deliverables will be the visitor's understanding of the unique ecosystem of the lagoon. Our environmental educators address issues that adversely impact human health and well-being within the environment and help empower others to get involved. One of the first steps to involvement is connection through immersion into the Lagoon.

b) Is there a clear and effective plan of dissemination of the materials produced through the project? Please describe.

ELC has staff devoted to the program to ensure effectiveness. People become ambassadors of the environment through changes in their behavior. We educate areas where they can make a difference - pick up pet waste, habitat conservation, proper use of fertilizer and pesticides - and educate them about the problems, effects and solutions.

(For reviewer only)
(1-2 points)

9) EXPERIENCE & QUALIFICATIONS:**a) Please briefly describe the qualifications of the program administrator(s), including prior experience, and areas of expertise.**

Sara Piotter, Senior Environmental Educator, has a BS in Wildlife Ecology and Conservation from the University of Florida. She's a Certified Interpretive Guide through the National Association of Interpretation and is an active Florida Master Naturalist instructor. Sara is also a member of the American Professional Captains Association. She is also Wilderness First Aid Certified and CPR Certified. Philip Chieco, Lead Boat Captain, is a life long fisherman and boater. He holds a U.S. Coast Guard 100 Ton Master License.

b) What previous projects of this nature have been completed by the program manager?

Throughout her career Sara Piotter has worked on a variety of conservation projects. She's served as project lead for a long-term water quality monitoring program and numerous projects related to waterbird and passerine habitat use. Sara has served in our education department since 2014 and has a led programs for all ages that address Indian River Lagoon ecology, biodiversity, conservation concerns, and ways we can all be natural resource stewards.

(For reviewer only)
(1-2 points)

10) PROJECT GOALS:**a) What are the long-term goals of this project as it relates to the ICW?**

Since 1989 the ELC has provided environmental education for Indian River County and our region along the ICW. Boat tours are our premier visitor experiences, and they totally depend upon the FIND-funded dock and the ICW. Replacement of the Pontoon Dock is included in our 5-year Strategic Plan and is critical to the success of the organization and to our environmental education mission.

b) What is the expected duration/frequency of this program?

The frequency of the tours depends on demand from visitors. Typically, there are various pontoon trips scheduled throughout the week, with an average of ten trips per week occurring. In addition, there are camps all summer, and other programs which utilize the dock. We expect our ICW-dependent programs to continue for at least another 30 - 50 years.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE**WATERWAY ASSISTANCE PROGRAM FY 2023**(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Environmental Learning Center Main Dock Replacement Part II
Applicant:	Indian River County

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Demolition of FIND-funded dock	Part I-\$50,00	Part I-\$25,000	Part 1-\$25,000
Construction of new Environmental Education Dock	Part I- \$150,000 Part II-\$100,000	Part I-\$75,000 Part II-\$50,000	Part I-\$75,000 Part II-\$50,000

**TOTALS =	\$ 300,000.00	\$ 150,000.00*	\$ 150,000.00
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- *The ELC has committed to providing sufficient funding should the project exceed the estimated budget

ATTACHMENT E-6**PROJECT TIMELINE**

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Environmental Learning Center Main Dock Replacement Part II
Applicant:	Indian River County

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date**Component**

Part I. (previously provided schedule for this grant project has been amended to include the milestones presented in part II, below.

Part II.

1. The ELC has the 50% match in-hand
2. Bids for construction were received by IRC on February 24, 2023. The bids will be presented to the IRC Board if County Commissioners on March 28, 2023.
3. A Notice to Proceed will be issued following board approval.
4. The contractor will be authorized to begin work (assuming Board approval) in early April 2023.
5. Per the ELC schedule, construction is planned to be completed by December 2023,

Replacement Pontoon Boat Dock at the Environmental Learning Center Indian River County, Florida for Indian River County

Sheet List Table	
Sheet Number	Sheet Title
C1.0	Cover Sheet with Location Map
C2.0	Existing Conditions
C3.0	Site Plan
C4.0	Seagrass Survey & Details



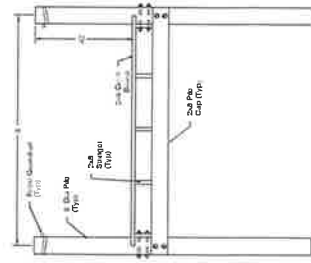
LOCATION MAP

GENERAL NOTES

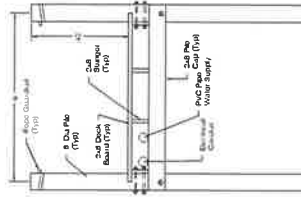
1. The Project (the work) as shown on these Drawings and as specified in the Technical Specifications entails:
(a) removal of the existing Pontoon Boat Dock, and
(b) new dock construction with water and electric service, and entrance gate.
2. All work shall conform to Florida DEP authorizations to be provided by Indian River County. The Contractor who performs the work shall:
(a) obtain a local building permit from the County, and
(b) comply with all terms of the permits as pertaining to performance of the work.
3. Prior to construction, the Contractor shall meet with the Engineer or the Engineer's designee to:
(a) review the Project details.
(b) establish construction access locations and upland construction staging areas on site as may be proposed by the Contractor, and
(c) document pre-construction conditions of the site.
4. Existing pile locations - as shown on Sheet 2 of 4 - are approximate based on observations and representative measurements by Coastal Tech dated 08/16/2021. Seagrass Survey & approximate bottom elevation from a seagrass survey by David Cox Consulting, LLC dated July 26, 2017. Edge of pavement location and elevation from a survey by Indian River Survey Inc. titled "Environmental Learning Center Wabasso Island Indian River County" dated 03/09/2017.
5. Aerial is from Florida Department of Transportation and dated March 22, 2018.

 COASTAL TECH ENVIRONMENTAL, CIVIL, ENGINEERING AND PLANNING 2325 LIVE OAK DRIVE, SUITE 100 VERO BEACH, FL 32963-1772	Cover Sheet with Location Map for Replacement Pontoon Boat Dock at the Environmental Learning Center Indian River County, Florida	C1.0
	Indian River County	

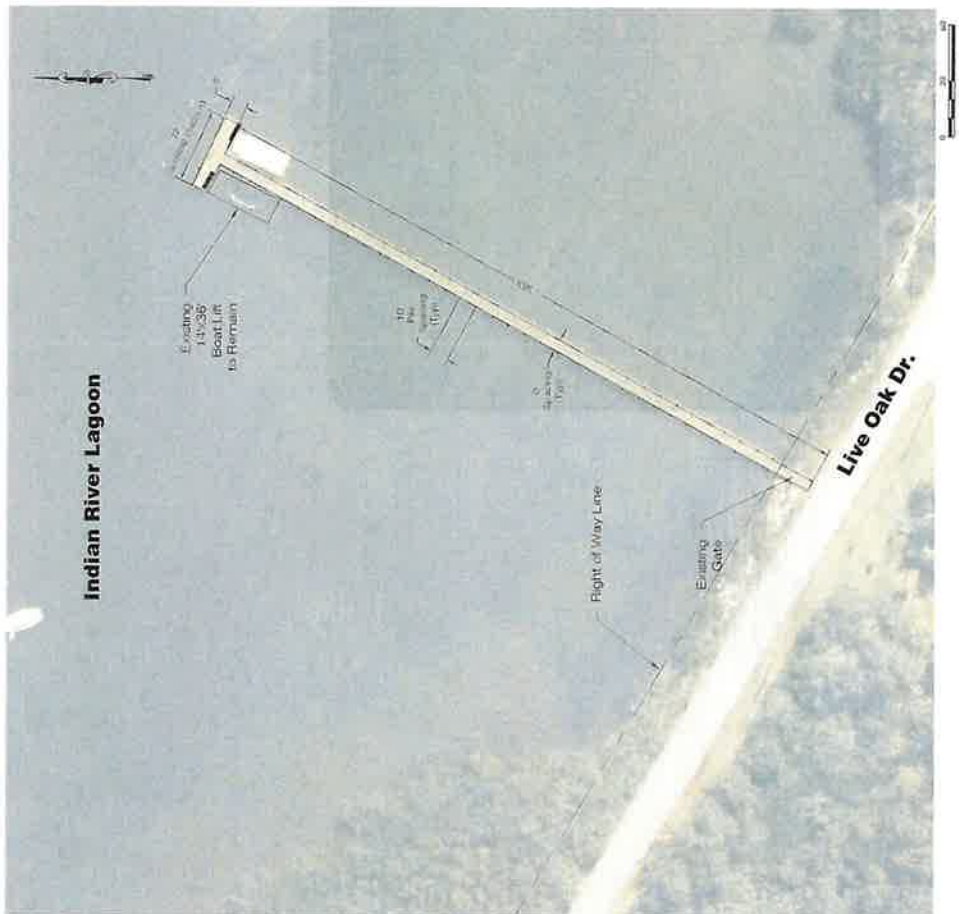
Existing Terminal Platform Cross-Section

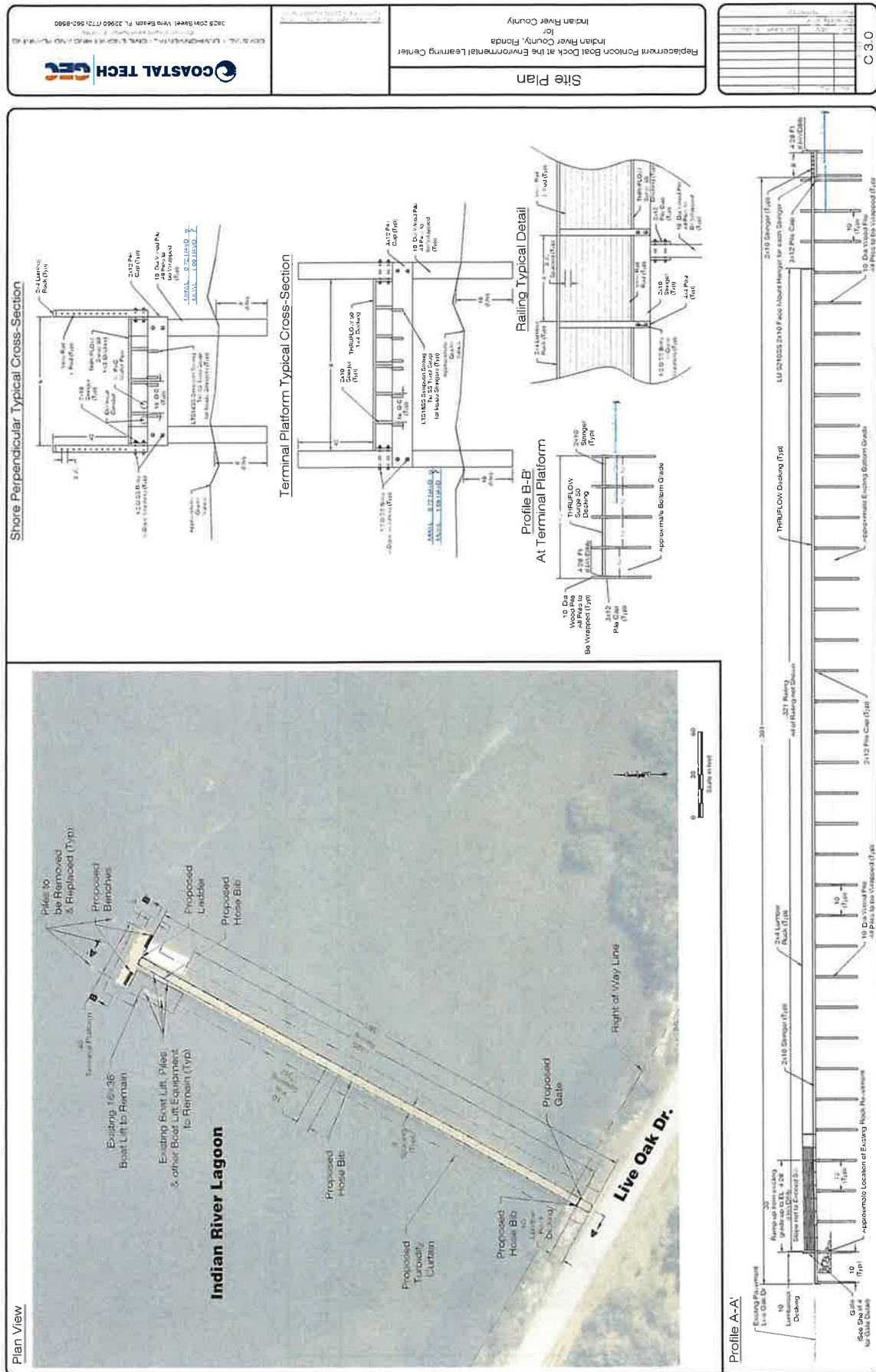


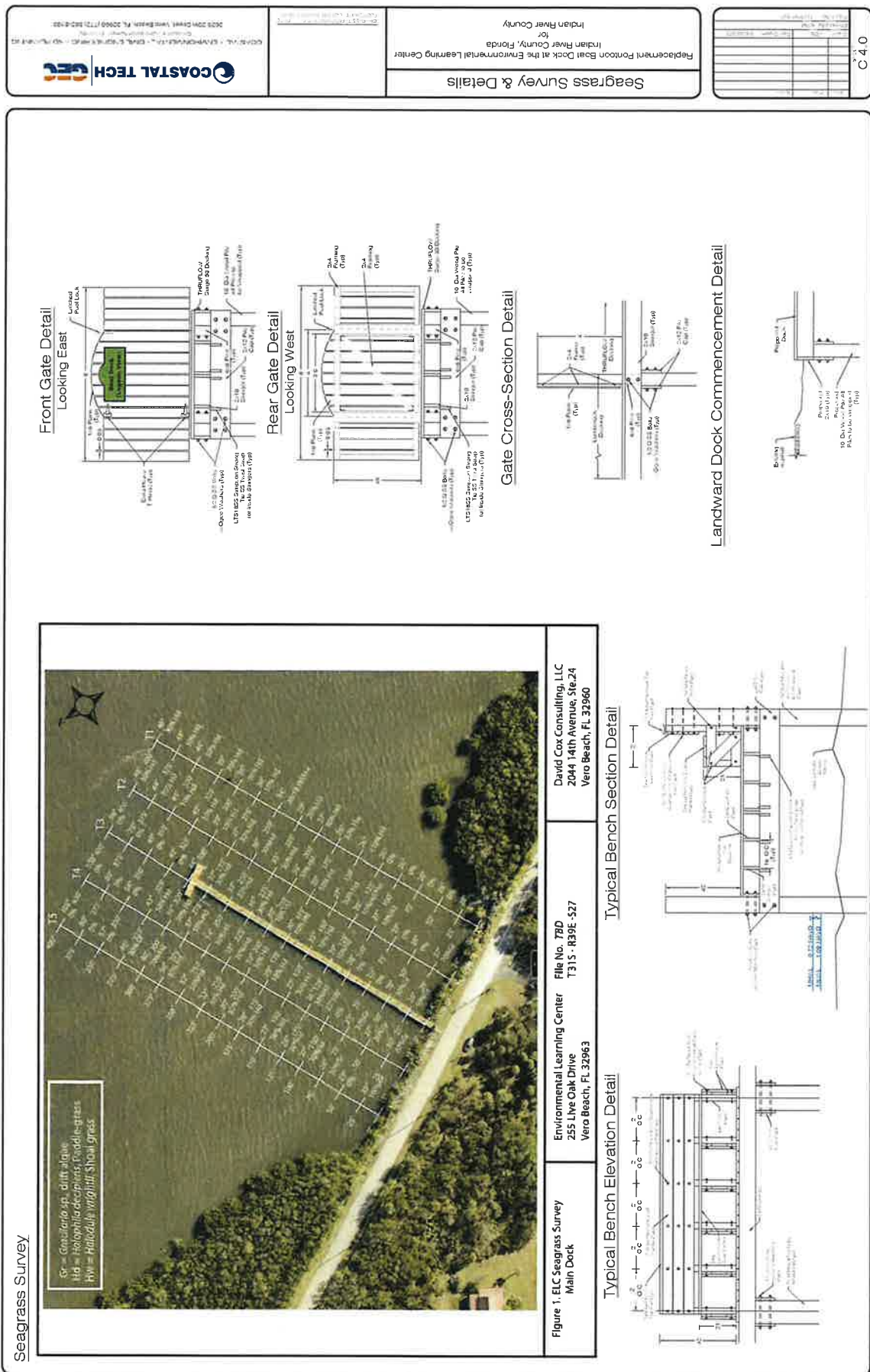
Existing Shore Perpendicular Typical Cross-Section



Plan View







ATTACHMENT E-2**APPLICANT INFORMATION & PROJECT SUMMARY**

WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Boca Raton			
Department: Municipal Services			
Project Title: Spanish River Dock Rehabilitation Project			
Project Director: Alejandra Schmidt		Title:	Coastal Program Manager
Project Liaison: <small>(if different from Director)</small>	Erin Tierney	Title:	Financial Manager
Mailing Address:	201 W Palmetto Park Road		
City: Boca Raton	Zip Code:	33432	
Email Address: aschmidt@myboca.us	Phone #:	561-416-3322	
Project Address:	3001 N State Road A1A, Boca Raton, FL 33431		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____

DATE: _____

3/27/2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

This Phase 1 grant application is to request funding for the planning, permitting, and design of the Spanish River Dock Rehabilitation project.

The Spanish River Dock is located within Spanish River Park alongside the Intracoastal Waterway. This docking facility contains six boat slips utilized by the public, in addition to the City of Boca Raton Police Department and Florida Wildlife Control. The City of Boca Raton Police Department has recently purchased new boat lifts; however, the existing dock and pilings will need repairs to ensure that they can withstand the increased weight of the new lifts. The revetment has deteriorated, allowing sand to build up and render two of the boat slips inaccessible. This deterioration has also created a safety hazard for boaters in the ICW. In addition to restoring the revetment, we will need to dredge the area to make all boat slips accessible.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Boca Raton	Project Title: Spanish River Dock Rehabilitation Project	
Total Project Cost: \$ 200,000	FIND Funding Requested: \$ 100,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$100,000	
Source of Applicant's Matching Funds:	City of Boca Raton General Fund Capital Improvement Program	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

N/A

3. Has the District previously provided assistance funding to this project or site? Yes ☐ No: ☒

4. If yes, please list:

N/A

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

There are six boat slips in this docking facility. In addition to this being the docking area for the Police Marine Unit and FWC, the area is accessible to boaters on the inlet to dock at the facility for short-term usage, such as restrooms and picnics.

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

No additional ramps are being added.

7. Are fees charged for the use of this project? No ☒ Yes ☐ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	No	N/A	N/A
DEP	Yes	TBD	TBD
ACOE	Yes	TBD	TBD

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Spanish River Dock Rehabilitation Project
Applicant:	City of Boca Raton

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

7. Acquisition, dredging, shoreline stabilization and development of public boat docking and mooring facilities.

- b) Explain how the project fits this priority category.**

This project includes the stabilization of the revetment at the opening of the facility, dredging of the area, and rehabilitation of the six dock slips. This will accommodate the public, the City of Boca Raton Police Department, as well as the Florida Wildlife Control.

(For reviewer only)

Max. Available Score for application 47

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.

This project is located directly adjacent to the ICW.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

The stabilization of the revetment is critical to improve boater navigation and safety. This will also allow improved access for both the Police Department and FWC.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access.
 Estimate the amount of total public use.

The docking facility contains six boat slips that are able to be used by boaters on the inlet, as well as the Police Marine Unit and the FWC. While there are six slips total, only four are accessible due to sand build up. This project will make these two boat slips available for public use.

- b) Discuss the regional and local public benefits provided by the project.
 Can residents from other counties of the District reasonably access and use the project? Explain.

Any boater on the ICW can access the docking facility for short-term mooring and utilize the amenities available, including restrooms and picnic area.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

None have been planned at this time.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

The project is currently in the planning stages with the design, permitting, and planning to commence in fiscal year 2024. The construction will be scheduled then for fiscal year 2025.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

This project requires the City to obtain both an FDEP and USACE permit. The City anticipates approximately 12-18 months for this process. If it takes longer than 18 months to secure the permits, then the timeline may need to be extended.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

Currently, the City of Boca Raton is the only funding source with the requested \$100,000 of matching FIND funds.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

Current project costs are based on recently completed projects and engineer's estimates.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

There are no fees associated with the facility.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

There are no fees associated with the facility.

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The Spanish River Dock contains six boat slips utilized by the public, as well as the City's Police Department, and FWC. The City of Boca Raton Police Department has recently purchased new boat lifts; however, the existing dock and pilings will need repairs to ensure that they can withstand the increased weight of the new lifts. The revetment has deteriorated, allowing sand to build up and render two of the boat slips inaccessible. This deterioration has also created a safety hazard for boaters in the ICW.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

Because this project is located within the City of Boca Raton, the City will provide the long-term maintenance and will incorporate the needed funds for maintenance in the City's yearly operating budget. Additionally, Phase 2 of the project will be included in the City's 5-year capital improvement program and budget.

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

No.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
If permits are NOT required, explain why not.**

Both an FDEP and USACE permit are required for this project. The City is in the process of applying for these permits with an expected application date of January 2024.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

We anticipate the total construction cost to be \$1,200,000.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

No impediments are anticipated.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

- a) **Has the design work been completed?**
If this is a Phase I project, has a preliminary design been developed?

The design will be completed during this Phase 1 project. A preliminary design has been developed.

- b) **Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

Yes. By rehabilitating the revetment, the City will improve the overall safety of boaters in the ICW.

(For reviewer only)
(1-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) **Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

This is a Phase 1 project and the City is currently in the process of hiring and engineering firm to assist in the engineering, permitting, design, and bidding processes. Although the final construction techniques are not finalized, potential techniques include dredging, new/replacement pilings, and stabilization of the revetment.

- b) **What is the design life of the proposed materials compared to other available materials?**

As this is a Phase 1 project, construction materials and their lifespan have not been identified for this project.

(For reviewer only)
(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

The City will ensure that all permit requirements for environmental compliance, and sustainability are met, including the conducting of a sea grass survey.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

The project management team will work with City's Sustainability Manager to identify environmental impacts and sea level rise impacts. The City will be sure to follow the specifications in the Southeast Region Climate Compact report.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

Form No. 91-25A

Rule 66B-2.005 (Effective Date: 3-21-01, revised 4-24-06, 1-27-14)

ATTACHMENT E-5

PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Spanish River Dock Rehabilitation Project
Applicant:	City of Boca Raton

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Seagrass Survey	10,000.00	5,000.00	5,000.00
Bathymetric Survey	5,000.00	2,500.00	2,500.00
Sediment Samples	5,000.00	2,500.00	2,500.00
30% Engineering Design	15,000.00	7,500.00	7,500.00
60-100% Engineering Design	60,000.00	30,000.00	30,000.00
Permitting	75,000.00	37,500.00	37,500.00
Construction Plans, Development, and Procurement Assistance	30,000.00	15,000.00	15,000.00
**TOTALS =	\$ 200,000.00	\$ 100,000.00	\$ 100,000.00

ATTACHMENT E-6 PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

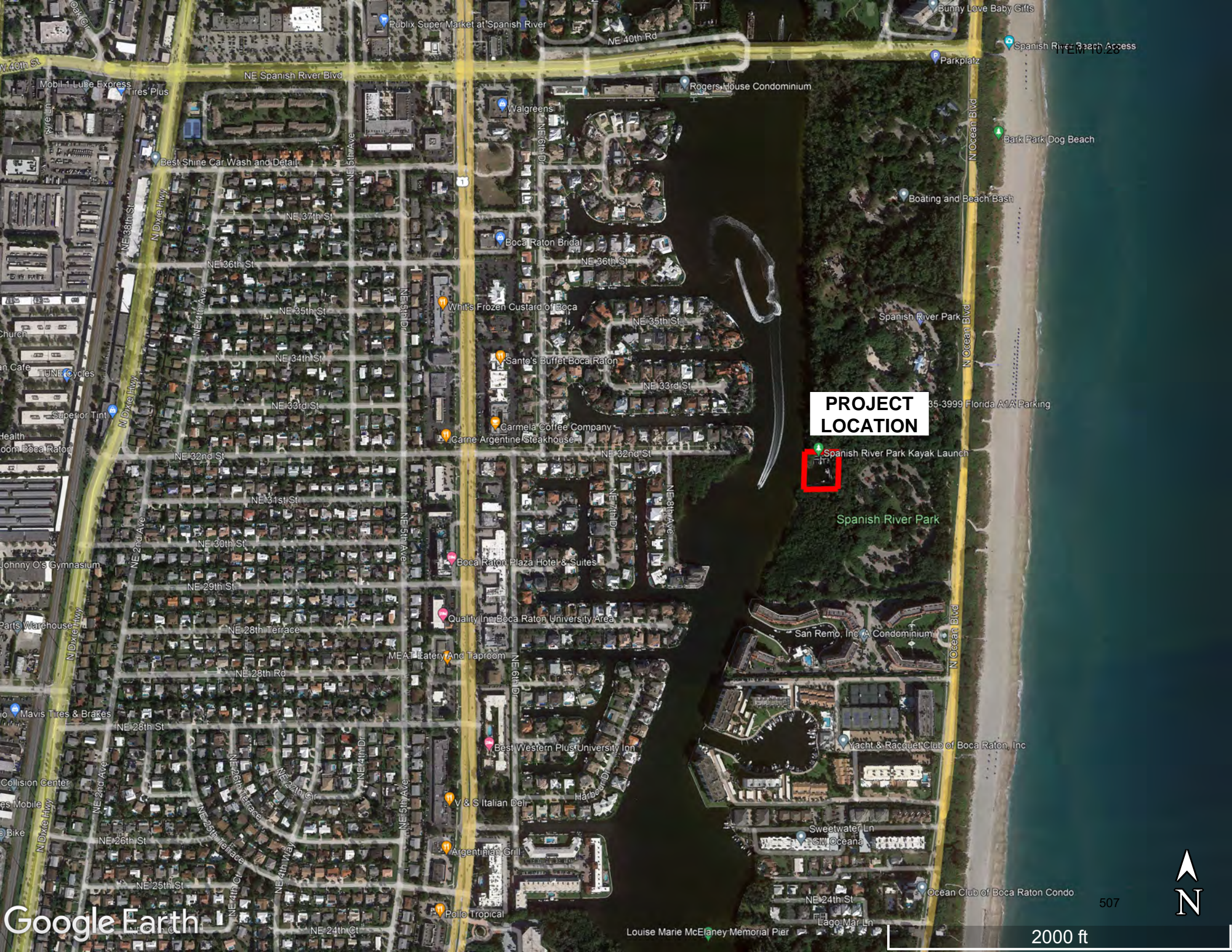
Project Title:	Spanish River Dock Rehabilitation Project
Applicant:	City of Boca Raton

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
October - December 2023	Conduct Seagrass Survey
October - December 2023	Initiate Engineering/Design
January 2024	Submit Permit Applications
June - August 2024	Begin Plan and Spec Development
December 2024	Develop Bid Documents
January 2025	Projected Receipt of Permits
February 2025	Project is Bid





**PROJECT
LOCATION**



Spanish River Park Kayak Launch

Spanish River Park



Spanish River Docks



ATTACHMENT E-2**APPLICANT INFORMATION & PROJECT SUMMARY**

WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: The City of Boynton Beach			
Department: Fire Rescue and Police Departments			
Project Title: Boynton Beach Boating Safety Project – Phase 2			
Project Director: Hugh Bruder		Title:	Director of Fire and EMS Services/Fire Chief
Project Liaison: <i>(if different from Director)</i>	Tess Lacroix	Title:	Grants Manager
Mailing Address:	P.O. Box 310		
City: Boynton Beach	Zip Code:	33425	
Email Address: Lacroix@bbfl.us	Phone #:	561.742.6087	
Project Address:	2010 N Federal Highway, Boynton Beach, FL 33435		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: Tessy W. Lacroix

DATE: 3/27/2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The City of Boynton Beach is requesting funds to complete phase 2 of the Boynton Beach Safety Project. The project consists of installing a private dock and boat lifts for Boynton Beach Fire and Police departments at Harvey Oyer Park to bolster its boating safety efforts. The City identified increased risks on the City's Intracoastal Waterways and Inlet as well as the existing vulnerabilities to marine firefighting and water rescue operations. There is no dedicated fire rescue vessel in Palm Beach County, North of Boca Raton and the location of the dock provides both Police and Fire Rescue with quick access to the State and Federally-funded Intracoastal Waterways and the Boynton Inlet which is one of the most dangerous inlets in the State. Additionally, the lifts would protect the fire rescue and patrol boats from saltwater corrosion, keeping the maintenance costs low and mitigate the risk of water damage caused by sea level rise.

Boynton Beach Fire Rescue operates a trailered 17ft rigid hull inflatable vessel to provide water rescue intervention and suppress fires. Without having a dedicated docking space on the waterways, Fire Rescue must drive the vessel from the station Oyer Park, impacting emergency response time. The funding request will help to significantly reduce the 20-minute response time by being able to launch directly from the dock, avoiding traffic and other operational delays. The Police Patrol boat, currently on a leased boat lift on the marina, is not centrally accessible for emergency and routine calls for service. The City will be able to eliminate \$36,000 in leasing costs while centralizing the patrol boat's location to enhance operational readiness. The project meets the needs of a steadily increasing population, infrastructure and will improve Police and Fire Rescue's capacity to assist neighboring jurisdictions to foster and strengthen interoperability. The community will directly benefit from rapid intervention as it reduces risks, promote the health and safety of all, and builds community resilience.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: The City of Boynton Beach	Project Title: Boynton Beach Boating Safety Project	
Total Project Cost: \$ 125,915	FIND Funding Requested: \$62,957.5	% of Total Cost: 50
Amount of Applicant's Matching Funds:	\$62,957.5	
Source of Applicant's Matching Funds:	City Budget	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

N/A

3. Has the District previously provided assistance funding to this project or site? Yes ☒ No: ☐

4. If yes, please list:

The District provided assistance for the planning phase of the Boynton Beach Safety Project (Phase 1). The District also provided assistance to renovate the publicly accessible boat ramps at Oyer Park. This project was successfully completed.

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

The site is highly accessible to the public with 4 boat ramps, 6 docks not including the proposed project, 120 trailer parking spaces, and approximately 730 ln. Ft. of boardwalk. The Police and Fire departments will utilize the proposed dock and lifts for public safety.

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

The project will be for private use by the Police and Fire departments and will not add any additional access features.

7. Are fees charged for the use of this project? No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
ACOE	Yes		
DEP	Yes		510

ATTACHMENT E-4
EVALUATION WORKSHEET
 WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Boynton Beach Boating Safety Project
Applicant:	The City of Boynton Beach

1) PRIORITY LIST:

- a) **Denote the priority list category of this project from Attachment C in the application.**
 (The application may only be of **one** type based upon the predominant cost of the project elements.)

13 – Waterway boating safety programs & equipment.

- b) **Explain how the project fits this priority category.**

The project fits this priority category as it provides a permanent location across one of the most dangerous inlets in the state to assist with patrol, water rescue, firefighting intervention and saving lives by reducing call response times. With the City's existing inter-agency agreements and multi-jurisdictional capabilities, emergencies and calls for service can be provided to the entire county. Furthermore, the boat lifts eliminate future maintenance costs due to saltwater corrosion and repaint of the boating equipment.

(For reviewer only)

Max. Available Score for application 45

Question 1. Range of Score (1 to 3 points)

2) WATERWAY RELATIONSHIP:

a) Explain how the project relates to the ICW and the mission of the Navigation District.

This project directly supports FIND's mission and boating safety on the ICW by providing the departments with the effective tools and equipment to immediately respond to the emergency needs of the community. The project also allows for the safe ingress and egress of the Police and Fire departments' vessels during emergency operations.

b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

More lives and properties will be saved and protected as a result of this project. Fire Rescue will significantly reduce their response time by having their boat on the water and PD's marine unit will provide waterway boating safety patrols and respond to emergencies more efficiently. The location gives direct access and rapid rescue capabilities to Boynton Beach's dangerous Inlet.

(For reviewer
only)(1-6 points)

3) PUBLIC USAGE & BENEFITS:

a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.

Though this project does not provide public access to the docking space, the presence of the Fire Rescue and Law Enforcement vessels will provide greater peace of mind to the public. The City may experience an increase in boating activity while the community benefits from a reduced number of incidents on the waterways.

b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.

The City of Boynton Beach provides patrol, call responses, and water rescue services to the community and neighboring municipalities. With the absence of a dedicated water rescue response in Palm Beach County, the Public will benefit from an enhanced response from the Police and Fire Rescue departments of the City.

c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

No restrictions are placed on commercial access of the Oyer Park site but the dock use will be limited to Fire Rescue and Police department vessels.

(For reviewer
only)(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

The project is currently in the design and permitting phase. Construction is anticipated to begin after October 2023 once design and permitting have been completed for a period of 12 months.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

There may be some mangroves needing to be mitigated. This would be a small obstacle that could influence the project timeline.

*(For reviewer
only) (1-3 points)*

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

This project will be funded with the WAP grant program and the City of Boynton Beach will allocate a part of the budget to complete this project.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

Due to the volatile inflation rates, the costs of construction materials may increase.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

There are no fees associated with this specific project as it will be for private use.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A

*(For reviewer
only) (1-6 points)*

6) PROJECT VIABILITY:

- a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

There is no docking space for the Fire department so the boat has to be towed and placed on the water for ever marine emergency. This process adds critical time to the team's ability to immediately intervene and provide water rescue and marine firefighting operations to the community. The Police department currently leases two boat lifts and a docking space on the marina for approximately \$36,000 per year. This project is necessary as it allows the patrol boat to remain in a centralized location, eliminate the costs of renting a space, and permits the Fire department to have their vessel at the ready to respond to crises.

- b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.**

The project will be maintained with the funds allocated through the City budget annually.

- c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?**

Boating safety is incorporated in maritime management and this project supports existing efforts to make the navigable waterways safe and accessible to all.

*(For reviewer
only)(1-7 points)*

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
 If permits are NOT required, explain why not.

The City is in the process of applying for permitting to meet FIND's timeline requirement.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.

This project is for phase II work.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.

No significant impediments have been identified at this time.

*(For reviewer
 only)(1-4 points)*

8) PROJECT DESIGN:

- a) Has the design work been completed?
If this is a Phase I project, has a preliminary design been developed?

Design work is in progress. Preliminary design has been fully developed.

- b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?

(For reviewer

only)(1-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.

Jet driven concrete piles will be installed to support a dock system. An aluminum deck and rails will be installed atop the piles.

- b) What is the design life of the proposed materials compared to other available materials?

The proposed design includes incorporating sustainable materials capable of lasting several years, minimizing environmental disturbance and reducing costs.

*(For reviewer
only)(1-3 points)*

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

The City of Boynton Beach completed a climate change vulnerability assessment to identify locations and structures risking tidal flooding due to sea level rise. Replacing the existing dock with materials capable of sustaining storm surges and rainfall-induced flooding strengthens the City's commitment to environmental compliance and sustainability. The City also planted 108 new trees at Oyer Park to provide shade and wildlife habitat, help mitigate flooding and enhance site resilience to harsh climate conditions.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

The depth of the concrete piles and the height of the deck will be designed so that the boat docks can still be operational even with sea level rise.

*(For reviewer
only)(1-3 points)*

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-4C
EVALUATION WORKSHEET
LAW ENFORCEMENT & BOATING SAFETY PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A LAW
 ENFORCEMENT OR BOATING SAFETY PROJECT

7) VIABILITY:

- c) Describe how the project will address particular public health, safety, or welfare issues of the Navigation District's Waterways.**

Over the last 3 years, BBPD/BBFD's Marine Unit responded to over 1000 calls for service and on the waterways. The US Coast Guard reported 804 accidents in 2020 with 72 fatalities and 514 persons injured. This project will allow Fire rescue and to expand rescue operations beyond the City limits and support the neighboring regions.

- d) How does the project provide significant benefits or enhancements to the District's Waterways?**

The project benefits the waterways as it provides immediate response capability to the Fire and Police departments to all of Palm Beach County. There will be a decrease in incidents and fatalities, property damage, negative environmental impact and increased personal safety.

*(For reviewer
 only) (1-3 points)*

8) EXPERIENCE & QUALIFICATIONS:

- a) List the personnel tasked with the implementation of this project, their qualifications, previous training and experience.

BBFD's 5 ALS fire suppression units, transport rescue, technical rescue, Battalion Chiefs, Safety and training Captain. BBPD's marine unit consists of officers well-trained in vessel/personal watercraft operation, maritime law and the local waterways.

- b) Have the personnel participated in or received state marine law enforcement training?

Yes.

*(For reviewer
only)(1-2 points)*

9) DELIVERABLES:

- a) Describe the anticipated, long-term measurable results of implementing this project.

Long-term results of implementing this project include reduced number of incidents on the ICW due to more efficient patrols and a significant reduction in emergency response times by both Fire Rescue and Police.

- b) What is the range or area of coverage for this project? Please provide a map of the coverage area.

See attached Map. The project will cover all of Boynton Beach and surrounding municipalities in Palm Beach County.

- c) Does the project fulfill a particular community need?

Yes, the boating safety needs of the community.

*For reviewer
only)(1-4
points)*

10) EDUCATION:
a) What are the educational benefits (if any) of this proposed project?

During Manatee season, BBPD educate the boaters to ensure the safety of an endangered species.

b) How does the project or program provide effective public boating education or expand boater safety?

The project expands boater safety as it allows easier access to patrol the waterways and rapidly intervene during calls for service and emergencies.

(For reviewer
only)(1 -3
points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	
Applicant:	

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
New Boating Equipment, Container and Security	12500	6250	6250
Demolition	7500	3750	3750
New floating docks with pilings	74132	37066	37066
New Boat lifts with pilings and electrical	31783	15891.5	15891.5

**TOTALS =	\$ 125915	\$62,957.5	\$62,957.5
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ATTACHMENT E-6

PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	
Applicant:	

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
April 30 th , 2024	Demolition and Construction.

Palm Beach County Boundary

ITEM 10.29



- City of Boynton Beach
- Water
- PBC Boundary

0 1.5 3 6 9
Miles

Print Date: 03/01/22



523

Palm Beach County Boundary

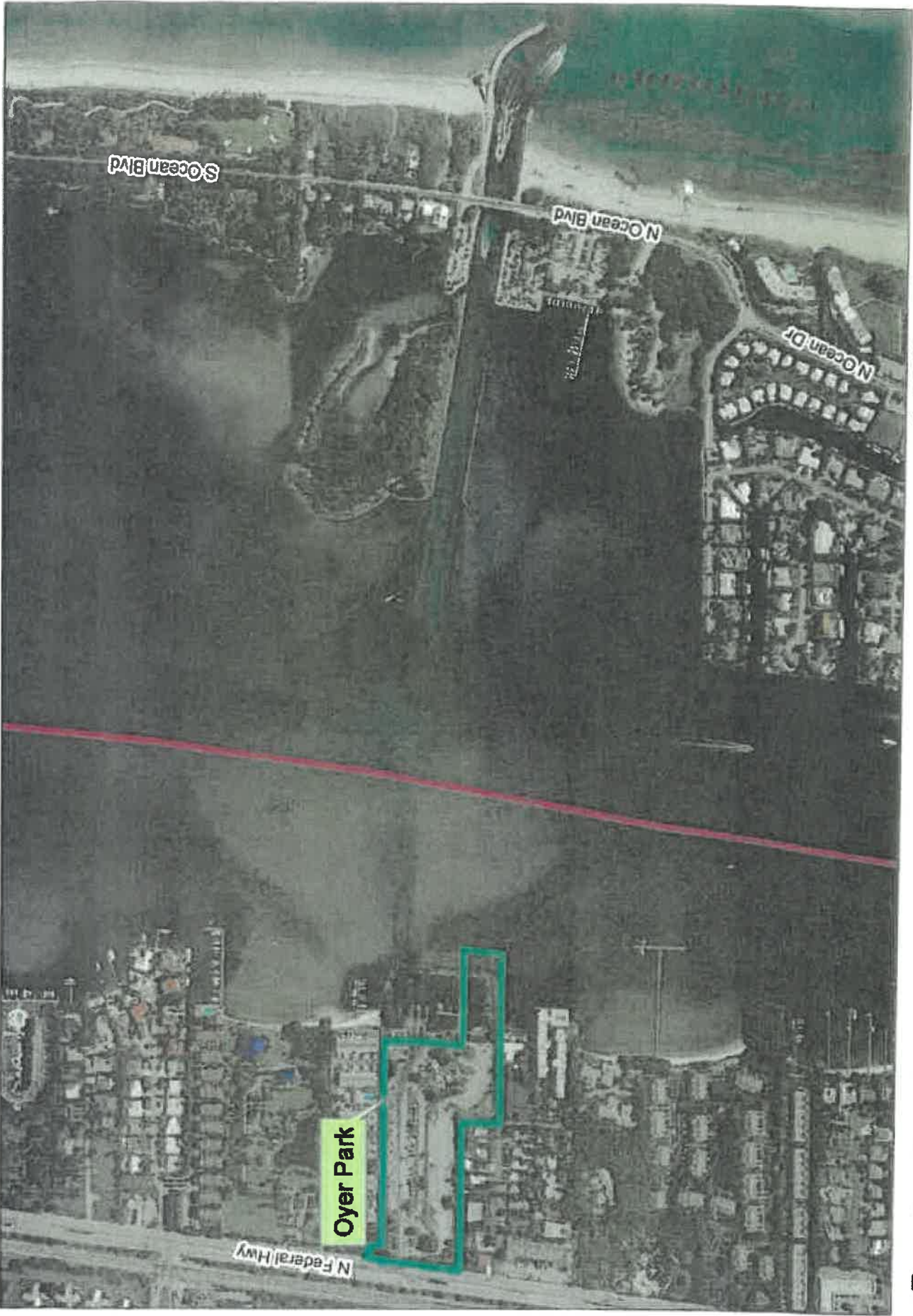


- City of Boynton Beach
- Water
- PBC Boundary

0 1.5 3 6 9 Miles

Print Date: 03/01/22



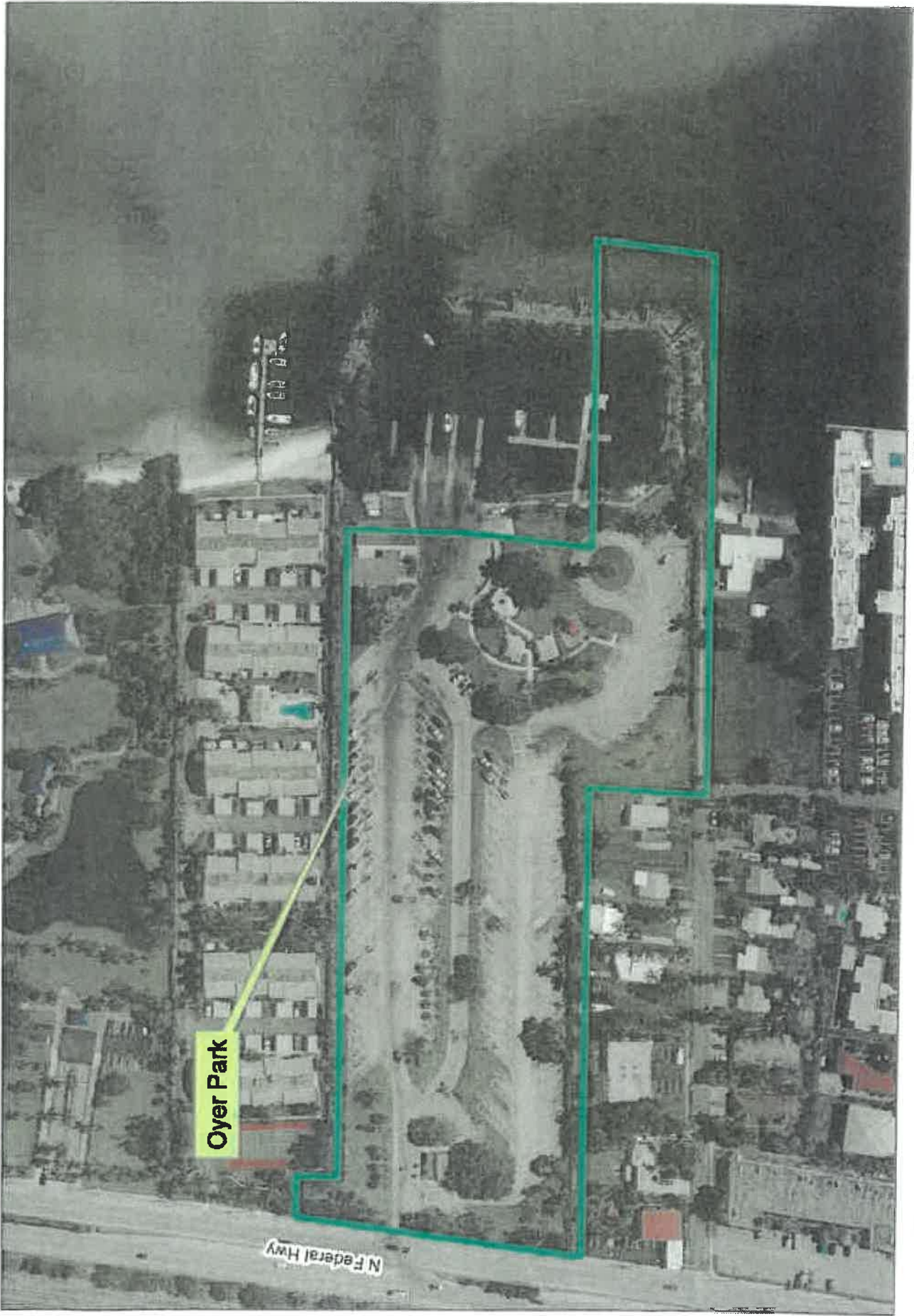


0 125 250 500 Feet

Print Date: 03/01/22

Oyer Park
City of Boynton Beach

Boynton Beach Oyer Park & Boynton Beach Inlet



0 2550 100 Feet
Print Date: 03/01/22

Oyer Park
City of Boynton Beach

Boynton Beach
Oyer Park



ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of West Palm Beach			
Department: Parks and Recreation			
Project Title: Brain Chappell Park Pier Replacement			
Project Director: Leah Rockwell		Title:	Director of Parks and Recreation
Project Liaison: <small>(if different from Director)</small>		Title:	
Mailing Address:	401 Clematis Street, 3rd Floor		
City: West Palm Beach	Zip Code:	33417	
Email Address: lrockwell@wpb.org	Phone #:	561-804-4904	
Project Address:	54th Street and Flagler Drive		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: _____

KEITH A. JAMES, Mayor

DATE: _____

3/20/2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The Brian Chappel Pier was built over 40 years ago and has been a park amenity used by many generations in West Palm Beach and the surrounding Communities. The pier is used by many for fishing and to sit and observe the marine life and the beauty of the Intracoastal Waterway. The park is located in an area of the city with low to moderate income from which many families and citizens who utilize the park come from.

The pier is currently closed due to safety issues and the condition of the pilings. The pier will be replaced in the same location as the existing pier. The pier will be approximately 112 linear feet (1765 square feet). The pilings will be 14" square prestressed concrete. The caps, beams and stringers will be marine pressure treated wood and the decking and rails will be IPE or comparable. Once permits have been received and demolition and construction is underway all regulations will be followed to protect the sea grasses, and marine life including manatees which frequent the area.

ATTACHMENT E-3 PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of West Palm Beach	Project Title: Brain Chappell Park Pier Replacement	
Total Project Cost: \$ 425,000	FIND Funding Requested: \$ 212,500	% of Total Cost: 50
Amount of Applicant's Matching Funds:	\$212,500	
Source of Applicant's Matching Funds:	City Parks Bond - City CIP	

1. Ownership of Project Site (check one): Own: ☒ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

3. Has the District previously provided assistance funding to this project or site? Yes ☒ No: ☐

4. If yes, please list:

F.I.N.D. Project No. PB-WPB-93-30

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

This is a neighborhood park offering pedestrian access from the surrounding neighborhoods to park and its amenities. This fishing pier has been very popular for several decades. The Pier is 112 linear feet.

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

This project will not include any additional ramps, parking spaces or access.

7. Are fees charged for the use of this project? No ☒ Yes ☐ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD			
DEP	Yes <input checked="" type="checkbox"/>	October 2022	
ACOE			

ATTACHMENT E-4

EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Brain Chappell Park Pier Replacement
Applicant:	City of West Palm Beach

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

10. Public fishing & viewing piers.



- b) Explain how the project fits this priority category.**

The Brian Chappell Park Pier has been used by the neighborhood and surrounding community as a fishing pier as well as a place for respite to enjoy the ICW. It was previously known as the Poinsettia Park Pier prior to the park name being changed to honor a fallen police officer in the line of duty. There is limited access to the Intracoastal Waterway for fishing and viewing from the north eastern neighborhoods of the city. The City would like to continue to provide this access to the Intracoastal Waterway from the Brian Chappell Park Pier.

(For reviewer only) 45
Max. Available Score for application _____

Question 1. Range of Score 3
(1 to _____ points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.**

Brian Chappell Park is located adjacent to the Intracoastal Water (ICW) and serves a very diverse community, providing an opportunity for all to enjoy the beauty, fish and experience marine life which frequents the pier. In this part of the city direct access to the ICW is limited due to condominiums and private residences.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

The pier replacement project will directly benefit public access for fishing, walk out on the pier to enjoy views of the Intracoastal Waterway, and to experience local marine life.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

Public Access to the water for viewing and fishing will increase with the pier being renovated and reopened. A ribbon cutting event as well as bringing the city's youth empowerment teen fishing club to this park from the neighboring communities will improve awareness of this opportunity to experience the Intracoastal Waterway.

- b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

All City parks are open to the public. Due to the proximity of the park to the FPL Manatee Lagoon, it is another excellent location for visitors and residents to observe our marine life. Turtles, manatees, and fish have been abundant off this pier and are easily viewed from the park by residents, guests, and visitors to the area.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

The City has not implemented any restrictions on the use of the site outside of the park rules and park hours of operation.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

The City of West Palm Beach has construction documents completed for the pier replacement. Project permit review will commence summer of 2023. An invitation to bid will be advertised immediately following notification of grant award.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

The matching funds for this project are from the Parks Bond voter referendum. With Bond Council spend down recommendations, the city wishes to complete 80% of all bond projects by December 2024. Therefore, the project will be completed no later than December 2024.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

The City funding comes from the Parks Bond and is earmarked for Brain Chappell Park improvements.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

None at this time.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

This park is open to the public and has no fees associated with the use of this facility.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

This area of the City of West Palm Beach has limited access for visitors and citizens to use and enjoy the Intracoastal Waterway. The project will provide the public with access with a fishing pier on the north end of the City. Much of the land along the Intracoastal Waterway in the north end of the city is privately owned and has been developed as condominiums or private residences. By renovating the Brian Chappell Park Pier, we will be able to continue to offer these facilities and recreational activities to those who do not reside on the waters edge.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The City of West Palm Beach has been maintaining the Brain Chappell Park Pier for decades and though assistance for repairs provided by F.I.N.D. was in 1993, after 30 years the pier has reached a point where more significant replacement construction is needed. The Pier has been in existence for over 50 years which demonstrates the committed to continue to maintain and fund ongoing repairs for upkeep.

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

Renovations needed for Brian Chappell Park was referenced in the 2015 Park Master Plan which was adopted by the City Commission and was the catalyst for the 2020 Parks Bond Referendum. As a part of the City's comp plan, parks and open space for recreational use is required. The City Parks and Recreation Department understands Florida's Statewide Comprehensive Outdoor Recreation Plan (SCORP) priorities which includes access to fishing and aquatic activities.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
 If permits are NOT required, explain why not.**

The city applied for the DEP permit to replace the existing fishing pier in October 2022.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

N/A

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

There are no impediments identified that would delay the issuance of the required permits.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

- a) Has the design work been completed?
If this is a Phase I project, has a preliminary design been developed?**

The design work is completed.

- b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

The project will include all new ADA requirements as well as seating on the pier allowing for enhanced public use. To minimize the environmental impact the pier is being constructed in the same location as the existing pier.

*(For reviewer only)
(1-2 points)*

9) CONSTRUCTION TECHNIQUES:

- a) Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

The existing pier will be demolished and will be replaced with a new pier concrete pile structure to be tied into the existing seawall.

Construction materials will include hardwood like 1 X 6 IPA wood decking planks in place of the original materials used which was pressure treated marine grade wood. This will increase longevity of the pier.

- b) What is the design life of the proposed materials compared to other available materials?**

The life expectancy of the new pier with the proposed materials is 25 to 30 years. The IPA decking will require less on-going plank replacement and repair.

*(For reviewer only)
(1-3 points)*

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

Brian Chappell Park, like all City parks follow the Office of Sustainability's policies for the use of native plants in landscaping and the use of alternative organic products for pest and weed control. Additionally, the Parks and Recreation Department has been replacing irrigation systems throughout the parks, medians, and rights-of-way with smart irrigation to reduce use and conserve water.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

This project does not include sea-level rise considerations as the city is working on a city-wide seawall replacement initiative which will evaluate all seawalls, dock, and pier tie ins.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

Form No. 91-25A

Rule 66B-2.005 (Effective Date: 3-21-01, revised 4-24-06, 1-27-14)

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Brain Chappell Park Pier Replacement
Applicant:	City of West Palm Beach

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Demolish Pier	25,000.00	12,500.00	12,500.00
Construct Pier	400,000.00	200,000.00	200,000.00
**TOTALS =	\$425,000.00	\$212,500.00	\$212,500.00

ATTACHMENT E-6

PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Brain Chappell Park Pier Replacement
Applicant:	City of West Palm Beach

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

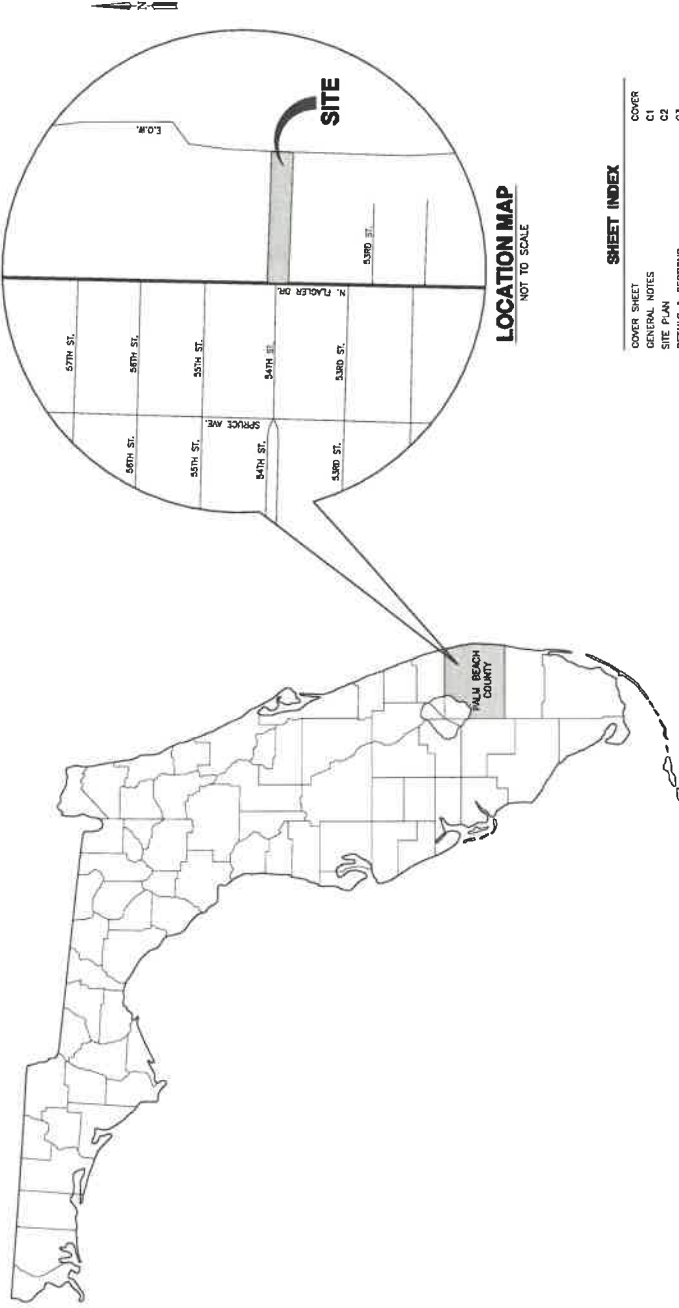
NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
08/2022	Design Complete
08/2023	Permit Approval
12/2023	Bid and Contract Award
02/2024	Construction Commencement
06/2024	Project Completion



BRIAN CHAPPEL PARK

PIER REPLACEMENT



PROPERTY ADDRESS:
BRIAN CHAPPEL PARK

DATE:
JUNE 8, 2022

WEST PALM BEACH MAYOR:
KEITH A. JAMES

WEST PALM BEACH DISTRICT COMMISSIONERS:
DISTRICT 1 - COMMISSIONER JOSEPH FOX
DISTRICT 2 - COMMISSIONER SHALANDA WARREN
DISTRICT 3 - COMMISSIONER CHRISTY FOX
DISTRICT 4 - COMMISSIONER JOSEPH PEDRUZZI
DISTRICT 5 - COMMISSIONER CHRISTINA LAMBERT

SCOPE OF WORK:
SEAWALL AND PIER REPLACEMENT

SHEET INDEX	
COVER SHEET	COVER
GENERAL NOTES	C1
SITE PLAN	C2
DETAILS & SECTIONS	C3

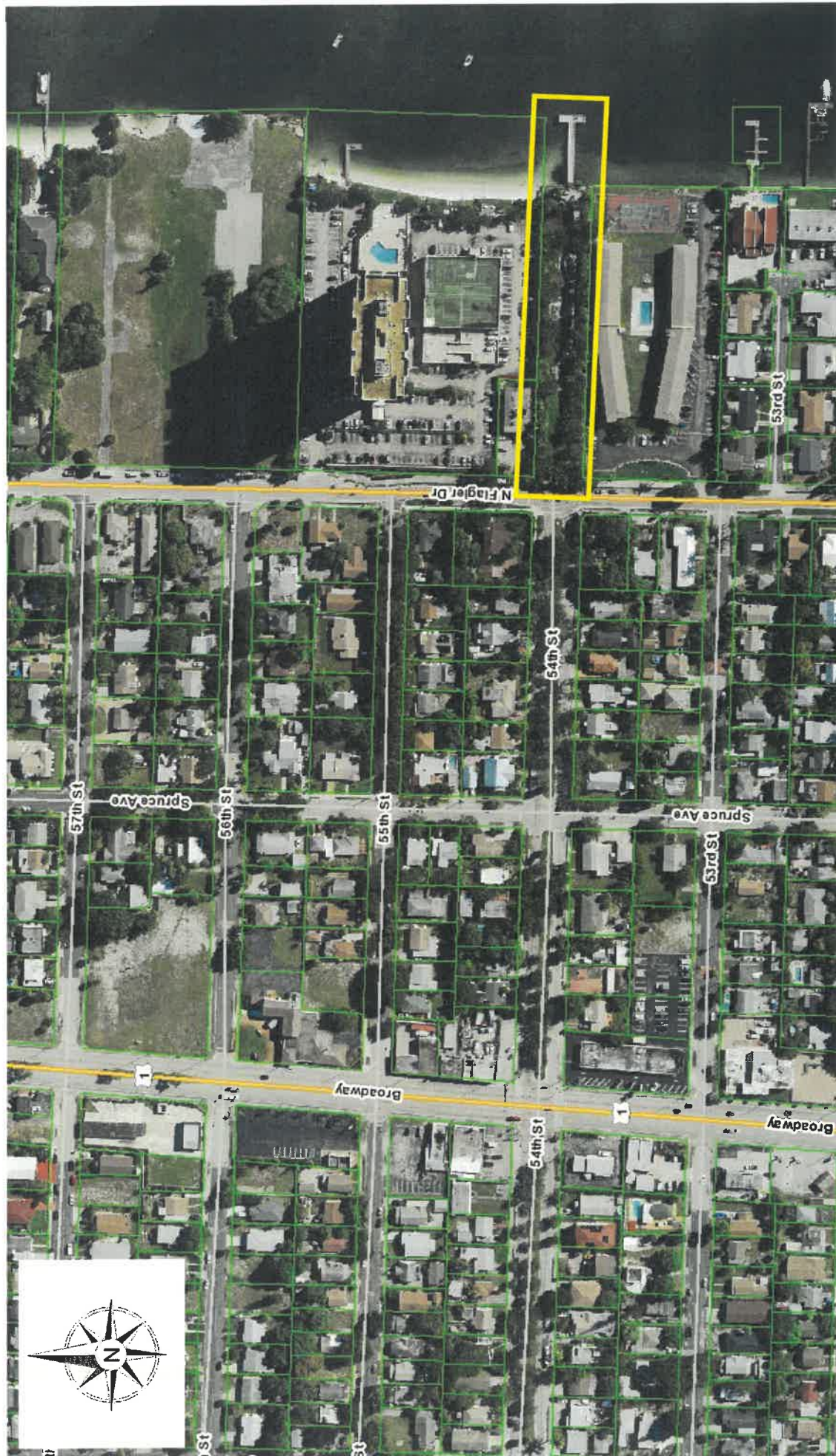
LOCATION MAP

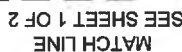
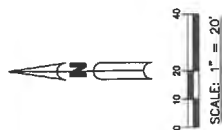
NOT TO SCALE
























Alan C. Gerwig, P.E. License No. 38481

Brian Chappell Park - 54th Street and North Flagler Drive.





LEGEND	
BACKFLOW PREVENTER	
BENCHMARK	
CATCH BASIN	
CONCRETE LIGHT POLE	
CURB INLET	
ELECTRIC BOX	
GROUND LIGHT	
MANHOLE DRAINAGE	
METAL POST	
SIZE	
SPRINKLER CONTROL VALVE	
TELEPHONE BOX	
TRASH CAN	
WATER METER	
WATER VALVE	
GUMED LUMBO TREE	
OAK TREE	
PALM TREE	
UNKNOWN TREE	
ASPHALT	
CONCRETE	

SKETCH OF BOUNDARY SURVEY	BRIAN CHAPPELL PARK WEST PALM BEACH, FL
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DRAWN: SAS
CHECKED: JEP
F.B. CITY of WPB #18
PAGES: 7-9

PROJ. No. 21-095
SCALE: 1"=20'
DATE: OCT 2021
SHEET 2 OF 2



APPLICANT INFORMATION & PROJECT SUMMARY**WATERWAY ASSISTANCE PROGRAM FY 2023**

APPLICANT INFORMATION			
Applicant: Palm Beach County Board of County Commissioners			
Department: Palm Beach County Parks and Recreation Department			
Project Title: Bert Winters Park Redevelopment Project IIB			
Project Director: Jennifer Cirillo		Title:	Director, Parks & Recreation
Project Liaison: <i>(if different from Director)</i>		Title:	
Mailing Address:	2700 6 th Avenue South		
City: Lake Worth, Florida		Zip Code:	33461
Email Address: Jcirillo@pbcgov.org		Phone #:	561-966-6614
Project Address:	13425 Ellison Wilson Road, Juno Beach, FL 33408		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE:  DATE: 3/10/23
 Gregg Weiss, Mayor Board of County Commissioners

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

Palm Beach County is requesting \$800,000 in grant funding to fund 50% of the Bert Winters Park Phase IIB Redevelopment Project. This project will redevelop the southern portion of Bert Winters Park with a new canoe/kayak boat launch, expanded parking, and new family picnic shelters. The existing parking and day use dock will also be renovated as part of this project.

Bert Winters Park is located on the Intracoastal Waterway in northern Palm Beach County and features three boat ramps, 69 boat/trailer parking spaces, restrooms, picnicking and ballfields.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: Palm Beach County	Project Title: Bert Winters Park Redevelopment Project 2B	
Total Project Cost: \$1,600,000	FIND Funding Requested: \$800,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$800,000	
Source of Applicant's Matching Funds:	Infrastructure Sales Tax Program (Surtax)	

1. **Ownership of Project Site (check one):** Own: ☒ Leased: ☐ Other: ☐

2. **If leased or other, please describe lease or terms and conditions:**

The majority of the project is located on County Owned land, however the shorefront is owned the U.S. Army Corps of Engineers and the County has a consent to easement to use this right-of-way.

3. **Has the District previously provided assistance funding to this project or site?** Yes ☒ No: ☐

4. **If yes, please list:**

Bert Winters Boat Ramp (PB-89-5), Bert Winters Boat Ramp Phase I (PB-11-152) (expired) Bert Winters Park Acquisition (PB-13-169), Bert Winters Park Phase IIA (PB-15-188), Bert Winters Phase IB (PB-19-206) (expired), Bert Winters Phase 1C (PB-22-218)

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

Three boat ramps, 69 boat/trailer parking spaces, three floating docks, day use docks, two restrooms, and picnic facilities.

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

The project includes a new canoe/kayak launch, renovation of the existing day use docks and 18 new car parking spaces.

7. **Are fees charged for the use of this project?** No ☐ Yes ☒ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	Yes	November 8, 2022	Pending
DEP	N/A		
ACOE	Yes	November 8, 2022	Pending

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Bert Winters Park Redevelopment Project IIB
Applicant:	Palm Beach County Board of County Commissioners

1) PRIORITY LIST:

- a) **Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

7. Acquisition, dredging, shoreline stabilization and development of public boat docking and mooring facilities.

- b) **Explain how the project fits this priority category.**

The Bert Winters Park Redevelopment project fits into priority category #7, because the project will be expanding parking and redeveloping a public boat docking facility and constructing a new canoe/kayak launch.

(For reviewer only) 47
Max. Available Score for application _____

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

a) Explain how the project relates to the ICW and the mission of the Navigation District.

Bert Winters Park is located directly on the Intracoastal Waterway with three boat ramps and boat trailer parking. The project includes two onsite dry retention areas, designed to keep water onsite during storm events. The onsite water retention reduces sheet flow, thereby reducing sediment into the ICW.

b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?

Bert Winters Park with over eight hundred feet on the Intracoastal Waterway serves not only as a boat launching facility, but also as a boater destination. The renovated day use docks will provide a location for boaters to tie up and enjoy the park. In addition, the new canoe/kayak launch provide non-motorized vessels access to the Intracoastal.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.

It is difficult to quantify public usage, Bert Winters Park boat/trailer parking is full most nice weekends and holidays. Expansion of the waterfront facilities will provide the public with a venue to recreate and enjoy the Intracoastal Waterway.

b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.

The project is located less than 8 miles from the Martin/Palm Beach County line and it is reasonable for residents from other counties to both launch at the park and to use it as a boater destination.

c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?

Bert Winters Park is deed restricted limiting the use to a public park for recreation purposes. The County sometimes allows commercial dock/sea wall construction companies to use the boat ramps for loading material with a use permit, no other commercial activity is allowed on this site.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

The planning, design and permitting for this project are underway. The design is scheduled to be complete by October 2023. If funding is awarded the County will execute the grant contract in October 2023 and establish budget by January 2024. A construction RFP will be issued in January 2024, with the construction contract awarded in April 2024 with project completion April 2025.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

Once environmental permits are issued, this is a straight forward construction project, with the majority of the work occurring on the uplands. While supply chain issues are generally improving, it is possible difficulty in obtaining materials and/or labor could slow down this project.

(For reviewer only)

(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

If grant funding is awarded it will be matched with Palm Beach County Infrastructure Sales Tax.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

The is a straight forward project, however the project includes 18 new car parking spaces, renovation of existing car parking spaces, and construction of four family picnic shelters. The price of oil based products and wood continue to increase and prices are unpredictable.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

The County charges for boat/trailer parking, an annual permit is available to all boaters regardless of residency for \$37.50 or boaters can pay \$10 per day to park.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

The fees generate by the boat/trailer parking go into the Palm Beach County General Fund.

(For reviewer only)

(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

Paddle boarding, canoe and kayaking have taken off in popularity in the last several years. The area from the Donald Ross Road Bridge south to past the PGA Road Bridge is in a regulatory slow speed zone. Having a non-motorized vessels launching at this park provides boaters over three miles of quiet water to paddle and enjoy the environment. This project will provide an additional access point on the Intracoastal Waterway to help meet the growing demand for these sports. Once the project is complete the renovated day use docks will allow boaters to tie up and use the park as a boater destination.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The Palm Beach County Parks and Recreation Department has a full time maintenance division with 302 employees and a \$36,647,486 operating budget.

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

The Palm Beach County Comprehensive Plan's Coastal Management Element seeks to balance the provision of water-related recreational activities and preservation of coastal and natural resources.

Objective 1.5 Protection of Commercial and Recreational Marine Waterfronts.

Policy 1.5a; The County shall implement strategies to protect working commercial and recreational marine waterfronts by pursuing the following actions:

10. *Securing pedestrian access to waterfronts and enhancing existing waterfront parks to develop public marinas where feasible.*

The development of waterfront picnic facilities on the Intracoastal Waterway help fulfill this Objective.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)**
If permits are NOT required, explain why not.

Architecture Green has been hired to complete the planning, design and permitting for this project. The consultant has applied for a Florida Department of Environmental Protection (DEP) and an Army Corp of Engineers permits. A SFWMD permit is not required.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

This is a Phase Two project and construction costs are estimated at \$1,600,000.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

There are no known impediments that would potentially delay issuance of environmental permits.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

- a) Has the design work been completed?
If this is a Phase I project, has a preliminary design been developed?**

The preliminary design work has been completed and a master plan has been developed. Architecture Green is under contract to complete the planning, design and permitting for this project, the design and permitting are expected to be complete by August 2022.

- b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

Improvements to the uplands will address stormwater and drainage issues, thereby reducing or eliminating runoff into the Intracoastal. The new canoe/kayak launch and renovated dock will be ADA compliant, providing water access to park patrons with mobility issues.

*(For reviewer only)
(1-2 points)*

9) CONSTRUCTION TECHNIQUES:

- a) Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

The consultant is still determining if floating or fixed docks will be more appropriate at this site. If the consultant recommends using floating docks they will be ADA accessible via an aluminum gangway, and the docks will be a fiber reinforced concrete shell with a polystyrene foam core, anchored with 18" pre-stressed concrete piles. The floating docks will be designed to a 25-year storm conditions and have an expected life of 25 years.

- b) What is the design life of the proposed materials compared to other available materials?**

All materials will be the highest grade marine quality and approved by the Florida Department of Transportation. Overall design takes into consideration sea level rise.

*(For reviewer only)
(1-3 points)*

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

The redevelopment of the southern portion of Bert Winters Park will address drainage and stormwater issues and will be designed to prevent runoff into the Intracoastal Waterway, thereby improving water quality.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

If floating docks are selected they will readily adopt to sea level rise and extreme tidal changes. If fixed docks are selected or a combination of fixed and floating docks, sea level rise projections over the next 25 years (estimated life of docks) will be taken into consideration in the design.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Bert Winters Park Redevelopment Project IIB
Applicant:	Palm Beach County Board of County Commissioners

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Renovation of the day use docks and construction of a canoe/kayak launch	\$500,000	\$250,000	\$250,000
Expansion and renovation of parking, new lighting, and associated infrastructure	\$1,000,000	\$500,000	\$500,000
Renovation of existing picnic facilities and four new family picnic shelters	\$100,000	\$50,000	\$50,000

**TOTALS =	\$ 1,600,000	\$ 800,000	\$800,000
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ATTACHMENT E-6

PROJECT TIMELINE

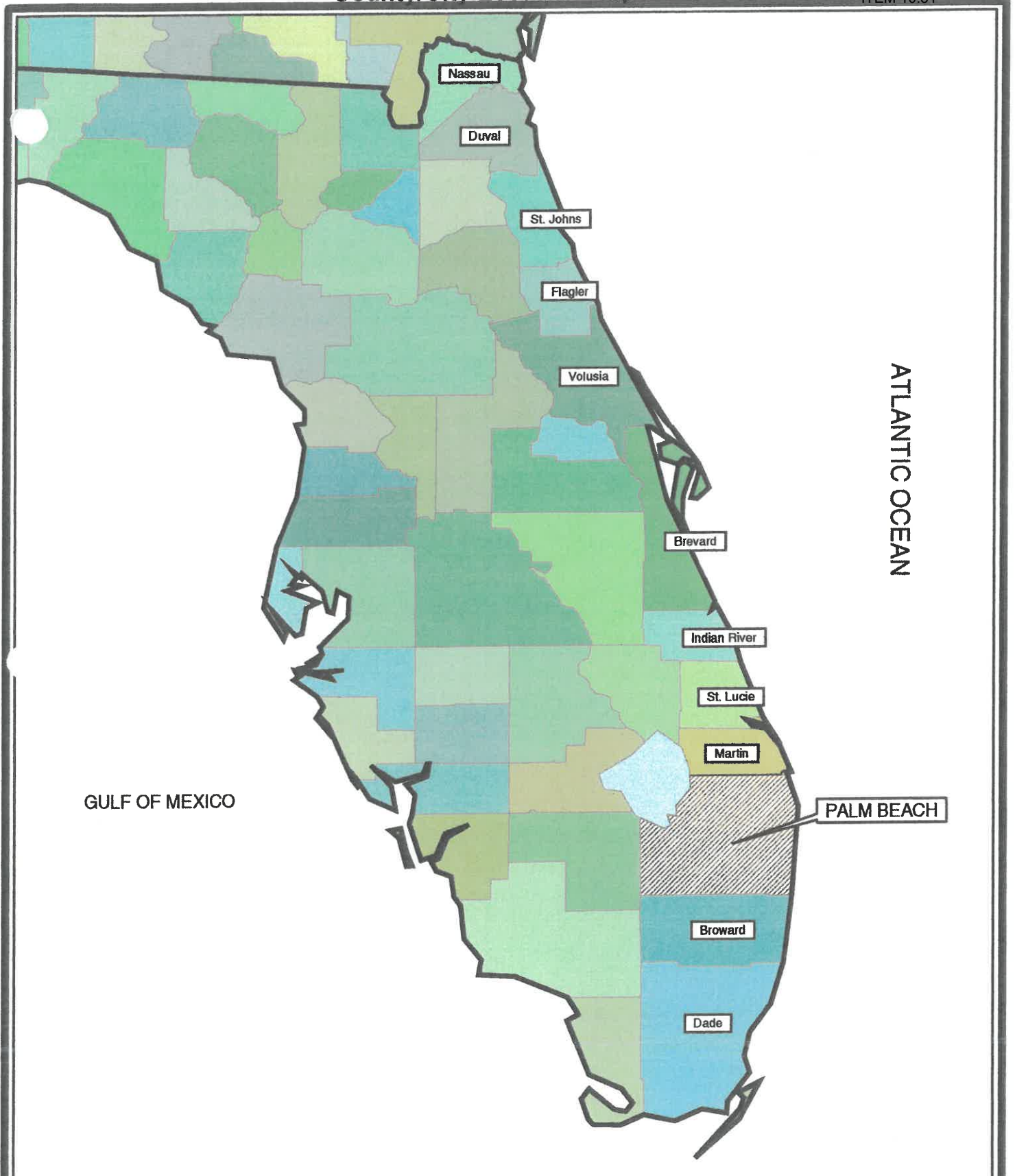
WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Bert Winters Park Redevelopment Phase IIB
Applicant:	Palm Beach County Board of County Commissioners

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
October 2023	Execution of grant contract (if funding is awarded
January 2024	Board of County Commissioners agenda to receive and file fully executed grant contract and establish budget
January 2024	Advertise a Request for Proposal for construction
April 2024	Award construction contract
April 2024	Issue a notice to proceed and construction to commence.
April 2025	Construction complete
June 2025	Grant closeout documentation



GULF OF MEXICO

ATLANTIC OCEAN

PALM BEACH



PALM BEACH COUNTY
PARKS AND RECREATION DEPARTMENT

PALM BEACH COUNTY, FLORIDA

This map is provided "as is" without warranty or any representation of accuracy, timeliness or completeness. The County makes no warranties, expressed or implied, as to the use of this map. There are no implied warranties of merchantability or fitness for a particular purpose. The owner of this map acknowledges and accepts the limitations of the map, including the fact that the data coverages are dynamic and in a constant state of maintenance, correction and update.

Source:
Palm Beach County GIS Coordination
Palm Beach County Parks and Recreation

Map Date: March 7, 2022
Created by: B. Hamilton

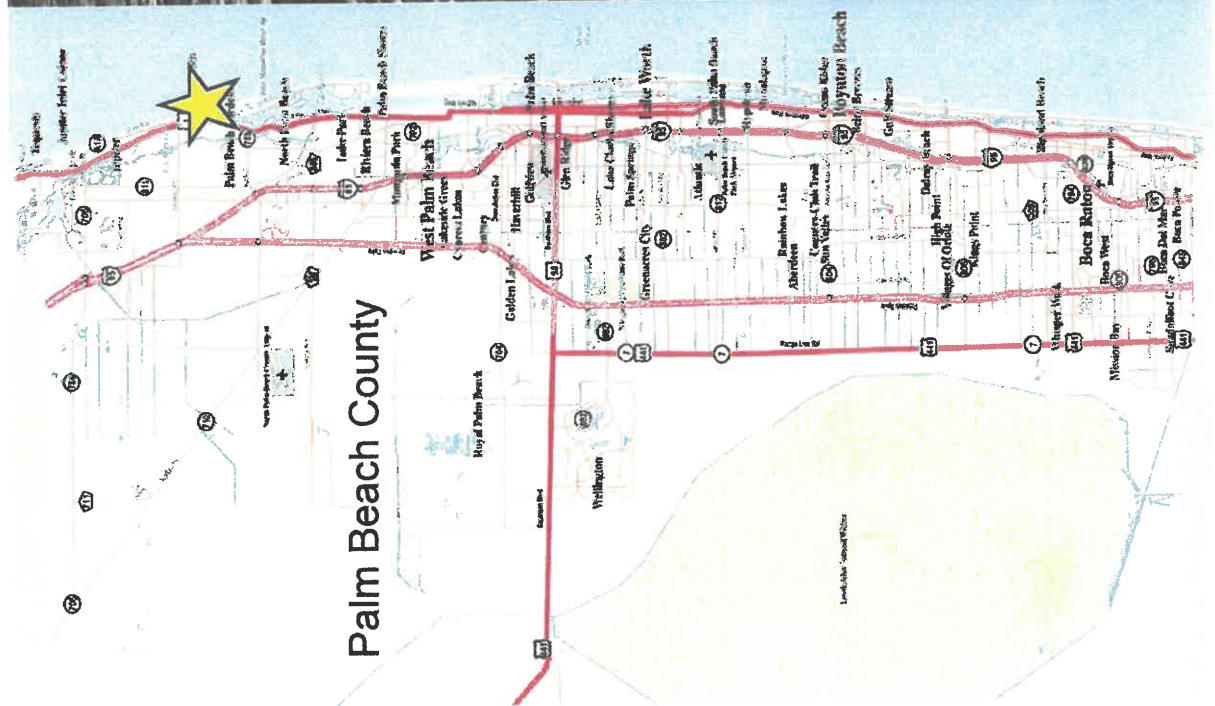


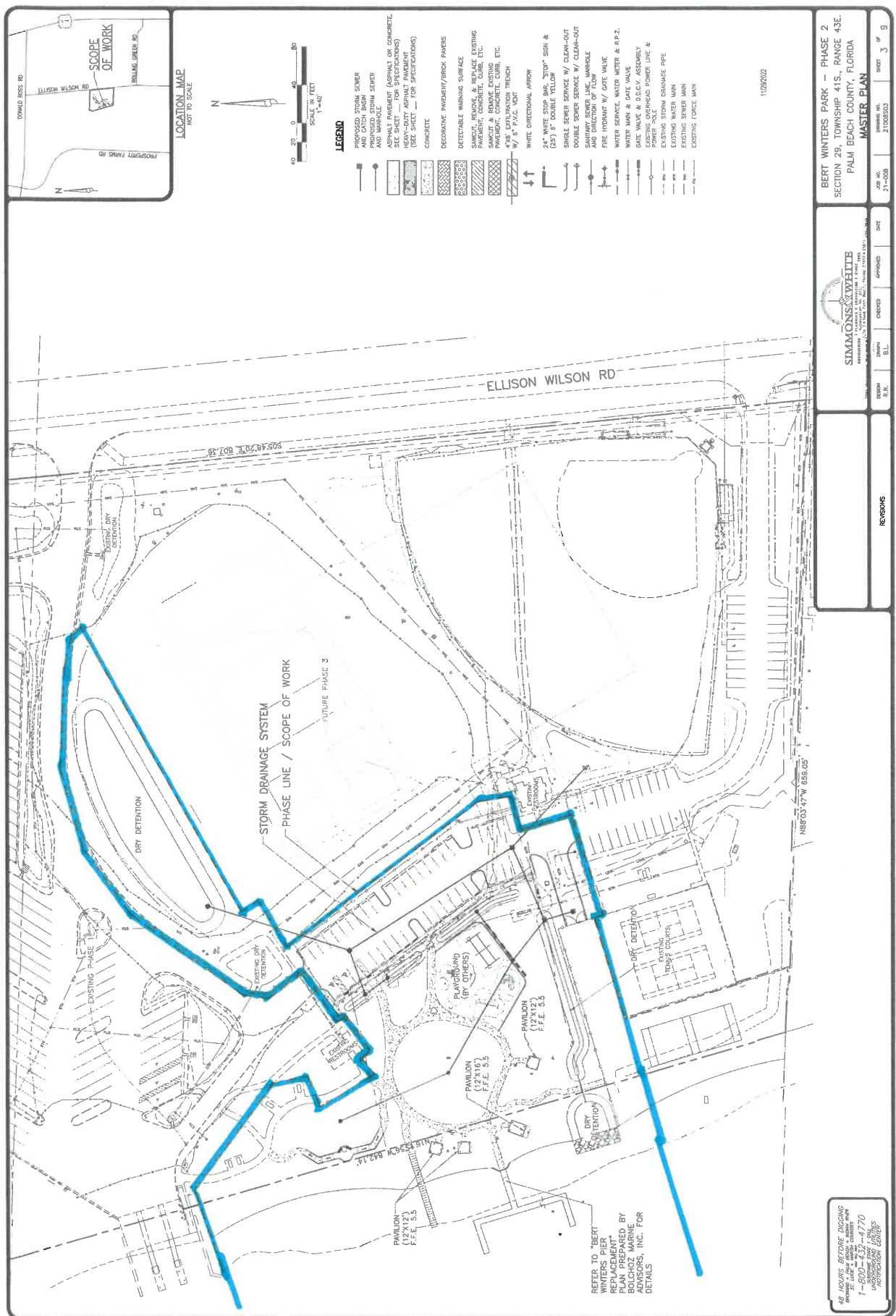
SCALE: 1" = 40mi

Location Map

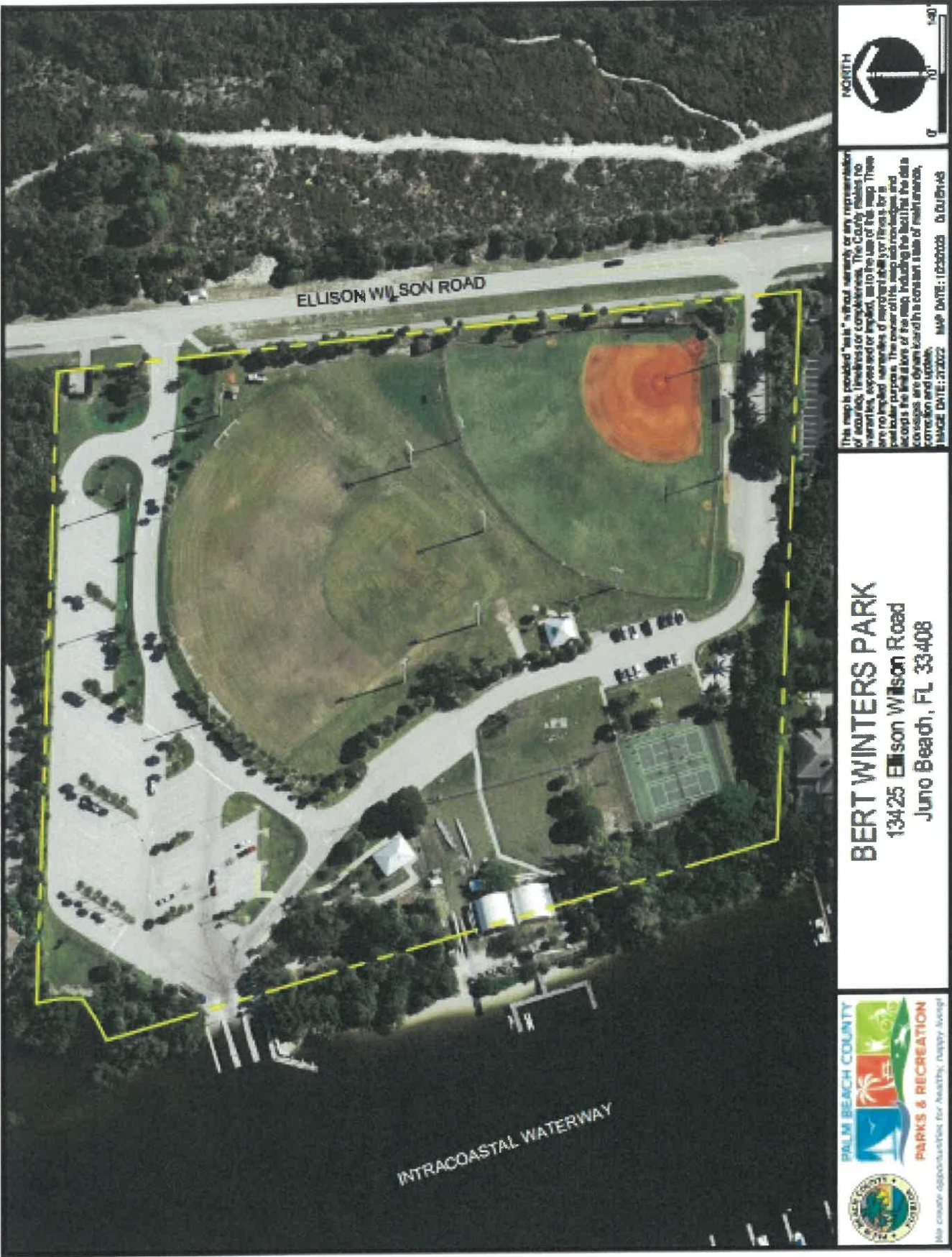
ITEM 10.31

LOCATION





Photos of the Project Site

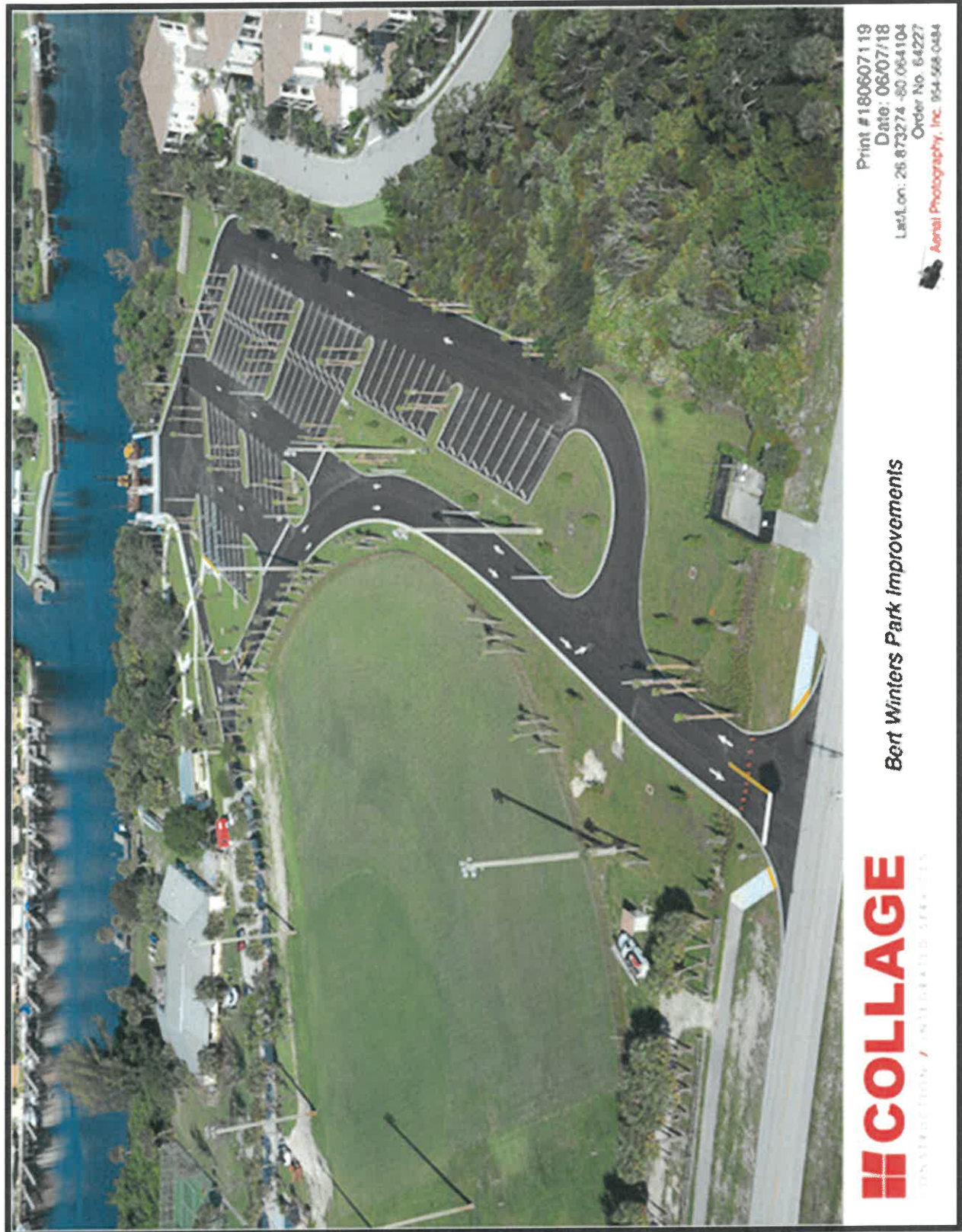




Bert Winters Park opened to the Public in 1982, over 40 years ago



Bert Winter Phase One redevelopment Project was funding in part by a \$1 million Florida Inland Navigation District grant, a \$200,000 Florida Fish and Wildlife Conservation Commission grant and \$1 million in County bond funding.



Phase One renovation/redevelopment was completed in 2018 at a cost of \$2.2 million and included three new boat ramps with floating staging docks, 45 additional car/trailer parking spaces, new ADA compliant restroom, construction of a second entrance road and associated infrastructure.



Phase One included three new boat ramps with floating staging docks



Phase One included 45 additional car/trailer parking spaces for a total of 69



Phase Two includes new parking, picnic facilities, canoe/kayak launch, lighting, landscaping and associated infrastructure



Phase Two includes renovation of the day use dock, picnic facilities and parking



Renovation of the day use docks will provide enhanced public access



ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: Martin County Board of County Commissioners			
Department: Coastal Management			
Project Title: Martin County 96th Street Artificial Reef Bulkhead			
Project Director: Jessica Garland		Title:	Coastal Program Manager
Project Liaison: <small>(if different from Director)</small>		Title:	
Mailing Address:	2401 SE Monterey Rd		
City: Stuart	Zip Code:	34996	
Email Address: jgarland@martin.fl.us	Phone #:	772-288-5795	
Project Address:	SW 96th Street along the St. Lucie Canal		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE



DATE: 03/27/2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

Project will provide Martin County with waterfront access for loading and unloading barges, such as those used for loading and transporting artificial reef materials. The secondary use of this bulkhead will be to provide commercial contractors with an area to load and unload equipment on the waterways that does not impact fishermen or park users at local boat ramps. This project is to construct a bulkhead, approximately 210 feet in length, the sinusoidal shape of the shoreline will require dredging and filling to install a straight bulkhead and level the land behind the bulkhead. The dredged material will be used to fill the area landward of the bulkhead to straighten the shoreline.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: Martin County Board of County Commissioners	Project Title: Martin County 96th Street Artificial Reef Bulkhead	
Total Project Cost: \$ 1,000,000	FIND Funding Requested: \$ 400,000	% of Total Cost: 40%
Amount of Applicant's Matching Funds:	\$600,000	
Source of Applicant's Matching Funds:	Martin County Board of County Commissioners Coastal Capital Improvement funds	

1. Ownership of Project Site (check one): Own: ☐ Leased: ☐ Other: ☐

2. If leased or other, please describe lease or terms and conditions:

3. Has the District previously provided assistance funding to this project or site? Yes ☐ No: ☐ ☐

4. If yes, please list:

5. What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):

Project will provide Martin County and Palm Beach County with waterfront access for loading and unloading barges with artificial reef materials. The secondary use of this bulkhead will be to provide commercial contractors with an area to load and unload material and equipment instead of boat ramps

6. How many additional ramps, slips, parking spaces or other access features will be added by this project?

A bulkhead that is 210ft long for County and commercial use to load and unload large equipment and supplies, such as material and equipment for the Artificial reef program.

7. Are fees charged for the use of this project? No ☐ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	N/A		
DEP	Yes	11/03/2020	01/20/2021
ACOE	Yes	11/03/2020	07/27/2022

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Martin County 96th Street Artificial Reef Bulkhead
Applicant:	Martin County Board of County Commissioners

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application. (The application may only be of **one** type based upon the predominant cost of the project elements.)

4. Public shoreline stabilization directly benefiting the District's waterway channels. (ICW or OWW)

- b) Explain how the project fits this priority category.

The proposed project is located on the OWW in the County owned ROW at the 96th street bridge. It will include construction of a bulkhead to provide a stable and maintained shoreline. The area water ward of the bulkhead will be dredged to facilitate docking of barges such as those used to transport artificial reef materials. In order to provide Martin County and Palm Beach County with waterfront access for loading and unloading barges, such as those used for loading and transporting artificial reef materials. The secondary use of this bulkhead will be to provide commercial contractors with an area to load and unload equipment on the waterways that does not impact fishermen or park users at local boat ramps.

(For reviewer only)

Max. Available Score for application 49

Question 1. Range of Score (1 to 7 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.**

Martin County is the "Crossroads of the Intracoastal Waterway" - the area where the ICW, Okeechobee Mile Marker Zero, and the passage offshore through the St. Lucie Inlet meet. This project is on the OWW and will take a shoreline that is currently eroding into the OWW and stabilize to prevent sediment from traveling down stream.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

The secondary use of this bulkhead will be to provide commercial contractors with an area to load and unload equipment on the waterways that does not impact fishermen or park users at local boat ramps.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

This bulkhead will provide an area that can be designated for commercial contractors to use instead of at our local boat ramps. The project design has a ramp in the bulkhead so contracts can drive large equipment between the shore and barges or vessels without damaging the bulkhead. This design was created specifically for large loads and the artificial reef program with the secondary use in mind.

- b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

There is a shortage of locations that commercial contractors can use within a 3 county radius for commercial projects. Palm Beach County Artificial Reef Program currently has an agreement to use this area for future barge deployment loadings. Martin County will also coordinate with any contractor that would need to use this site for loading a vessel or barge no matter what county they are from.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

Martin County intends to allow commercial contractors to use this site for loading and offloading only. Using the site as a long term storage facility will not be allowed.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

With the FIND WAP funding Martin County can proceed with going out to bid for construction, as the project has been designed and permitted.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

There are not any barriers to achieving the goals and timelines of this project.

(For reviewer only)

(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

Martin County has the \$600,000 to match the \$400,000 from FIND in our Coastal CIP program

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

The proposed costs will not increase

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

No there are not any fees associated with the use of this facility.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

(For reviewer only)

(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

In order to provide Martin County and Palm Beach County with waterfront access for loading and unloading barges, such as those used for loading and transporting artificial reef materials. The secondary use of this bulkhead will be to provide commercial contractors with an area to load and unload equipment on the waterways that does not impact fishermen or park users at local boat ramps.

This area is currently unused Right-of-Way on the OWW west of the locks.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

This bulkhead will be inspected every year to ensure there are not any failures and repaired as necessary. Minor repairs will be funded with County funds

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

This project was approved as a part of the Martin County 2019 Capital Improvement Plan and has not been close to construction until now because of permitting delays.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
If permits are NOT required, explain why not.

Yes, permits were received from FDEP and USACE in 2021 and 2022.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.

N/A

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.

N/A

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

- a) **Has the design work been completed?**
If this is a Phase I project, has a preliminary design been developed?

Yes

- b) **Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

The waterward of the bulkhead the area is going to be dredged as well to provide access for slightly deeper vessels and to remove sediments that have eroded into the water from the shoreline. This will also assist in less sediment moving east in the OWW.

(For reviewer only)
(1-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) **Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

Construction of the bulkhead will provide the County with waterfront access for loading and unloading barges. The sinusoidal shape of the shoreline will require dredging and filling to install a straight bulkhead and level the land behind the bulkhead. The dredged material will be used to fill the area landward of the bulkhead to straighten the shoreline. The bulkhead will be constructed from either the upland or from a shallow draft barge using steel sheet pile walls, steel H-pile wales, steel tie rods, and reinforced concrete deadman anchor blocks. Turbidity screens will be deployed during construction to minimize impacts to water quality. All project construction will adhere to the Standard Manatee Conditions for In-Water Work (FWC, 2011). A benthic survey was conducted in the project area.

- b) **What is the design life of the proposed materials compared to other available materials?**

The design life of this project is 25 years.

(For reviewer only)
(1-3 points)

10) ENVIRONMENTAL COMPONENTS:**a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

The project is located on County owned Right-of-Way west of the USACE locks. Muck material will be removed from the project area to deepen the waterway in front of the bulkhead allowing vessels with a deeper draft to access the site. Also the sediment that is removed is less sediment that can be moved out into the St. Lucie River or out over the Coral Reefs south of the St. Lucie Inlet.

b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?

The wall height has been adjusted to account for future sea level rise to the predicted water levels in 2070 from the Martin County Sea Level Rise Plan.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____**Note:**

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

Form No. 91-25A

Rule 66B-2.005 (Effective Date: 3-21-01, revised 4-24-06, 1-27-14)

ATTACHMENT E-5

PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Martin County 96th Street Artificial Reef Bulkhead
Applicant:	Martin County Board of County Commissioners

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost <i>(To the nearest \$50)</i>	FIND Cost <i>(To the nearest \$50)</i>
Construction	1,000,000.00	600,000.00	400,000.00
**TOTALS =	\$ 1,000,000.00	\$ 600,000.00	\$ 400,000.00

ATTACHMENT E-6
PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Martin County 96th Street Artificial Reef Bulkhead
Applicant:	Martin County Board of County Commissioners

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

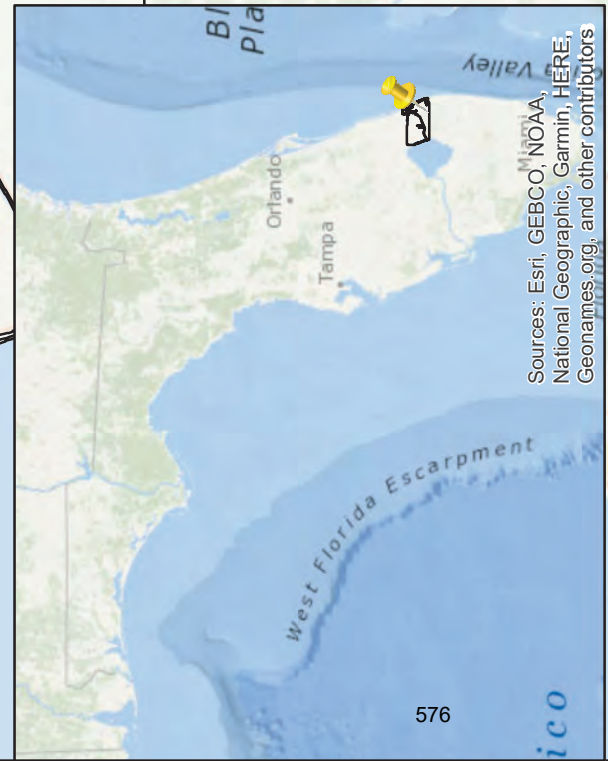
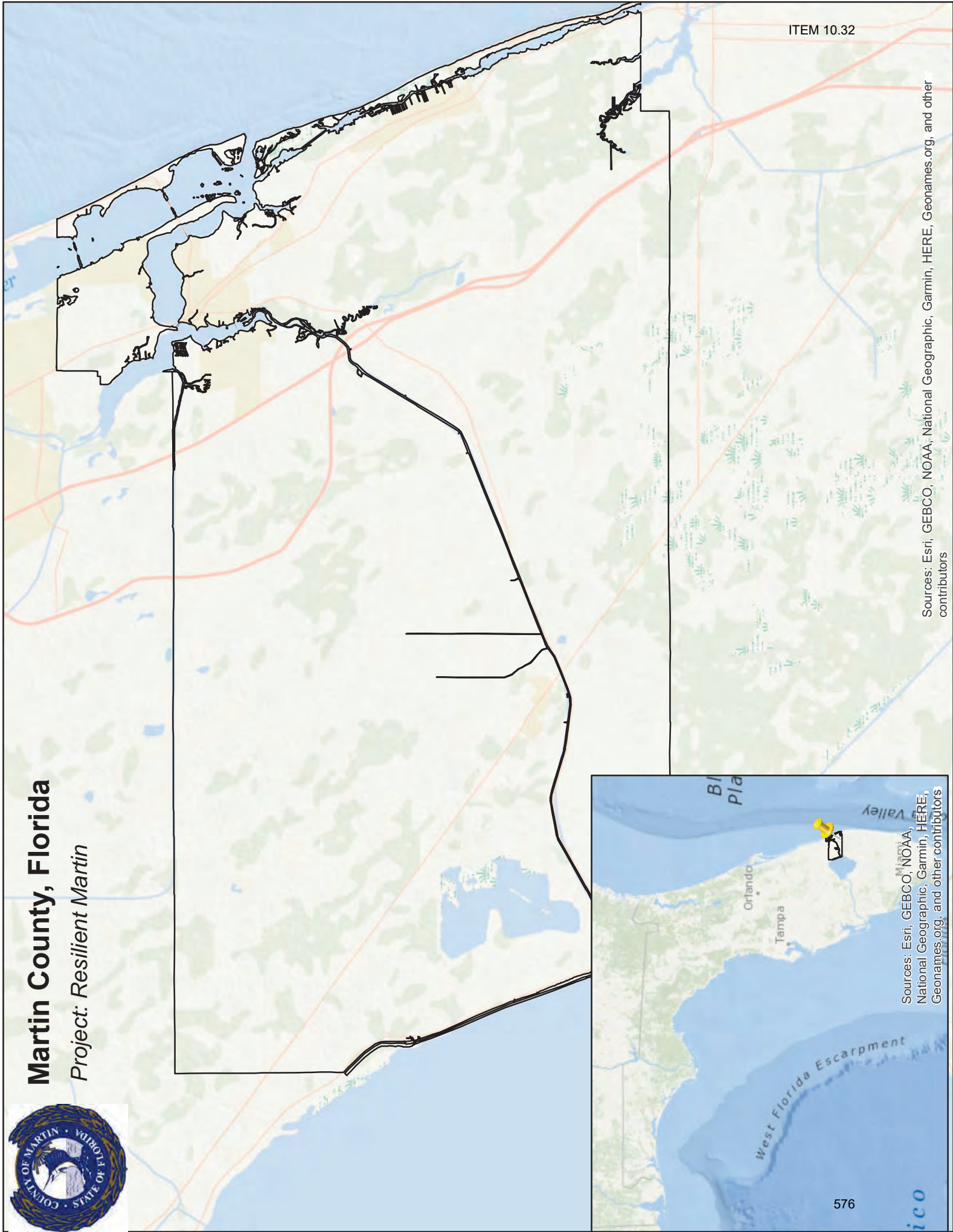
NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

Date	Component
10/01/2023	Initiation of Construction
09/30/2024	Complete Construction



Martin County, Florida

Project: Resilient Martin



Sources: Esri, GEBCO, NOAA, National Geographic, Garmin, HERE, Geonames.org, and other contributors

Sources: Esri, GEBCO, NOAA, National Geographic, Garmin, HERE, Geonames.org, and other contributors



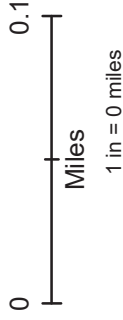
Martin County Coastal Engineering

Project Name:
Created By: Jessica Garland
Plot Date: 3/16/2023



96th Street Bulkhead Project

- Waterway Centerline
- 96th Street Stage Area Boundary
- Palm Tree
- Vegetation Line
- Rocks
- Water edge
- Bridge Fender
- Fence Line
- Edge of Road
- Base of Embankment
- 96th Street Stage Area Boundary

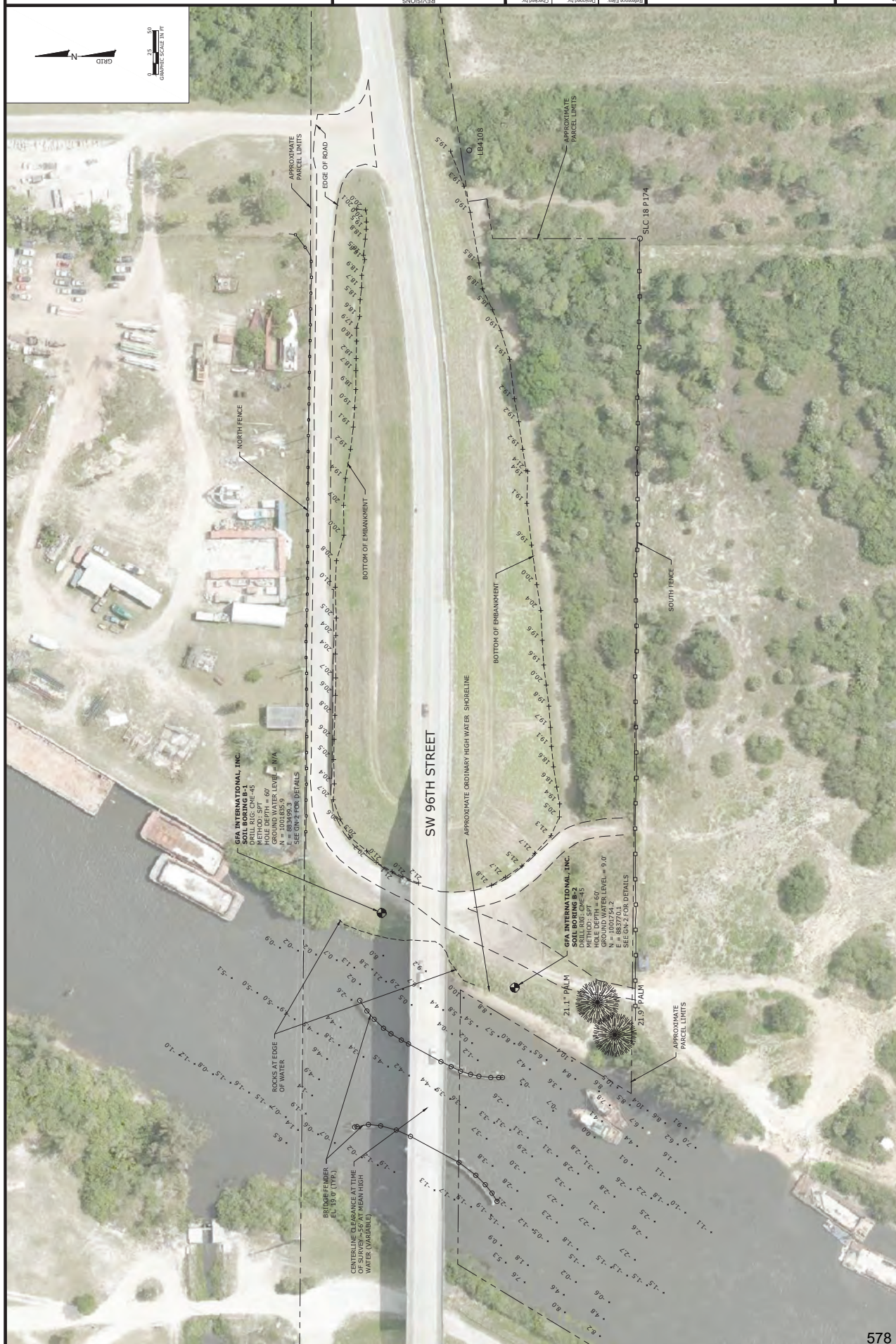


Disclaimer
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AS NOTED	Plot Scale	Comm. No.	1553001143
09/14/2022	Date	Submitted by:	AW
JEB	Drawn by:	Reviewed by:	DM
AW	Checked by:		AW

[illegible]

Aptim Environmental & Infrastructure, LLC
6401 CONGRESS AVENUE, SUITE 140
BOCA RATON, FL 33487
www.aptim.com
PH. (561) 391-8102
FAX (561) 391-9116
C.O.A., FL. #9317





96TH STREET ROW MARINATA COUNTY, FLORIDA CONSTRUCTION ACCESS BULKHEAD		SITE MAP		AS NOTED		www.aptim.com	
DRAWING NO.		DATE		NO.		DESCRIPTION	
1532		09/14/2022		143		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
REVISIONS		DESIGNED BY		CHECKED BY		APTIM ENVIRONMENTAL & INFRASTRUCTURE, LLC	
NO.		DATE		NO.		DESCRIPTION	
1		09/14/2022		1		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
2		09/14/2022		2		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
3		09/14/2022		3		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
4		09/14/2022		4		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
5		09/14/2022		5		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
6		09/14/2022		6		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
7		09/14/2022		7		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
8		09/14/2022		8		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
9		09/14/2022		9		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
10		09/14/2022		10		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
11		09/14/2022		11		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
12		09/14/2022		12		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
13		09/14/2022		13		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
14		09/14/2022		14		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
15		09/14/2022		15		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
16		09/14/2022		16		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
17		09/14/2022		17		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
18		09/14/2022		18		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
19		09/14/2022		19		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
20		09/14/2022		20		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
21		09/14/2022		21		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
22		09/14/2022		22		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
23		09/14/2022		23		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
24		09/14/2022		24		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
25		09/14/2022		25		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
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29		09/14/2022		29		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
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31		09/14/2022		31		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
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33		09/14/2022		33		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
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41		09/14/2022		41		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
42		09/14/2022		42		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
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44		09/14/2022		44		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
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50		09/14/2022		50		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
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53		09/14/2022		53		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
54		09/14/2022		54		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
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56		09/14/2022		56		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
57		09/14/2022		57		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
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65		09/14/2022		65		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
66		09/14/2022		66		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
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68		09/14/2022		68		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
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77		09/14/2022		77		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
78		09/14/2022		78		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
79		09/14/2022		79		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
80		09/14/2022		80		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
81		09/14/2022		81		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
82		09/14/2022		82		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
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93		09/14/2022		93		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
94		09/14/2022		94		6401 CONGRESS AVENUE, SUITE 140 BOCA RATON, FL 33487 PH. (561) 391-9116 FAX (561) 391-9116 C.O.A., FL #9317	
95		09/14/2022					

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Jacksonville			
Department: Parks, Recreation & Community Services			
Project Title: Downtown Dredging, Phase 1			
Project Director: Daryl Joseph		Title:	Parks Director
Project Liaison: <small>(if different from Director)</small>	Brian Burket	Title:	Waterfront Project Manager
Mailing Address:	214 N. Hogan Street, 4th Floor		
City: Jacksonville	Zip Code:	32202	
Email Address: BBurket@coj.net	Phone #:	904-255-7935	
Project Address:	Multiple sites along Jacksonville's Downtown Riverfront		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: B P Burket DATE: 3/20/2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

Jacksonville's Downtown contains many public, water access facilities such as docks, marinas, ramps and mooring areas that support activation of the urban riverfront. Some of these facilities, particularly along the Southbank, have silted in since it was last dredged prior to the 2005 Super Bowl. The scope of this project would involve surveying the water depths at each of these public facilities and areas to determine which sites are in need of dredging to benefit their public use. Then, the City would move forward with dredge design and permitting efforts for only the identified sites.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Jacksonville	Project Title: Downtown Dredging, Phase 1	
Total Project Cost: \$ 500,000	FIND Funding Requested: \$ 250,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$250,000	
Source of Applicant's Matching Funds:	The City will match from the Capital Improvement Budget for FY 2023-2024.	

1. **Ownership of Project Site (check one):** Own: ☐ Leased: ☐ Other: ☐

2. **If leased or other, please describe lease or terms and conditions:**

Most the public docks are subject to submerged land leases with the State, while some sites are within areas where the City owns the submerged bottom.

3. **Has the District previously provided assistance funding to this project or site?** Yes ☐ No: ☐ ☐

4. **If yes, please list:**

1990/1993/1994: Metro Marina docks; 1999: Metro Marina dredge; 2000/2003: Southbank dredge & dock; 2002: Northbank mooring lights; 2005: St. Johns Marina dock; 2007: Metro Marina electric; 2017: St. Johns Marina dredge design

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

11 dock locations w/total capacity of 92 boats, mooring dolphins for larger vessels, 1 boat ramp w/15 trailer spaces, 1 marina w/78 slips and pump-out station, 2 designated fishing platforms, 2 kayak launches, and 3 miles of Riverwalk

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

None. This project will dredge the areas around the existing public water access facilities.

7. **Are fees charged for the use of this project?** No ☐ Yes ☐ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	No		
DEP	Yes		
ACOE	Yes		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Downtown Dredging, Phase 1
Applicant:	City of Jacksonville

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

7. Acquisition, dredging, shoreline stabilization and development of public boat docking and mooring facilities.

- b) Explain how the project fits this priority category.**

This project will dredge specific areas around existing public docks, mooring facilities, and ramp in downtown Jacksonville.

(For reviewer only)

Max. Available Score for application

47

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.**

This project will ensure the continued function and availability of multiple, public access facilities within the St. Johns River in Downtown Jacksonville which connects to the ICW.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

These public docks are a crucial component for the activation of Jacksonville's downtown riverfront programming. Local residents and visitors depend on these docks and facilities to visit and explore the City.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

This project will ensure the continued function and availability of the various public access facilities within the St. Johns River in Downtown Jacksonville. Depending on the time of year, public use can range from 10,000 to 100,000 people per month.

- b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

Dredging these public access sites within the St. Johns River in Downtown Jacksonville will ensure continued functionality and enhance activation of Downtown. All sites are easily accessed via Interstates 10 and 95 by residents and visitors from the region.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

Commercial use without a permit is prohibited at this site; however, professional fishermen, guides, etc. are allowed to use the site for launching vessels as long as no business transactions take place onsite. And, slow speed zones in the river related to manatees and bridges exist throughout the downtown area.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

This is a Phase 1 design project; only a list of public access sites that need to be evaluated for potential dredging has been developed. Once the grant is awarded, surveyors will confirm the actual dredging needs and then dredging designs will be developed for only those locations.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

There are many active and planned downtown riverfront development projects expected to move forward in the next few years. Some of these projects involve water access components that may be handled by City partners via redevelopment agreements. Therefore, some of these public sites would be removed from consideration of this grant project if dredging of certain sites become the responsibility of others. The decision making of which sites to include could result in some delay to the project.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

City of Jacksonville, Capital Improvement Budget for 2023-2024. The 50% match (\$250,000) of the project cost will be included in city budget approved in late Sept. 2023.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

Since this project involves evaluating multiple sites scattered throughout the downtown area, this could increase the typical costs for surveying and geotech work.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

Only two sites that will be evaluated for this project currently charge a fee. Metro Marina has fees only during special events (i.e. football games). And, larger vessels (80'+) that moor along the Northbank Riverfront bulkhead are currently charged \$1 per foot per day.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

These fees are deposited into an account that funds the ongoing maintenance needs for the site it was collected.

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The multiple public docks along the Southbank Riverwalk haven't been dredged since just prior to the 2005 Super Bowl. Metro Marina was last dredged in 2008. There are some planned access locations within the Shipyards area along the Northbank that will also be evaluated as part of this project. Most of the other sites along the Northbank Riverwalk either don't have a dredging history or likely won't need any work since they are located on the deeper, outside bend of the St. Johns River. Also, the mouth of Arlington River at the eastern edge of the downtown area will also be evaluated. The Arlington River was dredged in 2017 with FIND assistance but boaters have recently complained that just the mouth area has silted in already.

Once these specific areas of need are identified and addressed, this should result in reliable water depths in the downtown area for the next 20 years.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

These access facilities are maintained by the City of Jacksonville's Parks Department. Water depths throughout the project area will be regularly monitored by the Dock Master and Waterway staff of the Parks Dept.

c) Is this project referenced or incorporated in an existing maritime management, public access or comp plan?

These downtown access facilities are all referenced in many public access documents and plans, so it is expected that these facilities (and access to them) be properly maintained to ensure continued public access to waterways in this area.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
 If permits are NOT required, explain why not.**

No, this is a Phase 1 design project. Permitting will commence during the design process.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

Future dredging costs will strongly depend on the results of the evaluation of which sites actually need dredging. Potential total dredging cost is anticipated to range anywhere from \$1 million to \$4 million.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

The complexity of the permit application involving multiple dredging sites could slow the permitting process. Consultants will discuss the most efficient permitting strategy with the regulatory agencies.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:**a) Has the design work been completed?**

If this is a Phase I project, has a preliminary design been developed?

This is a Phase 1 design project; only a list of public access sites that need to be evaluated for potential dredging has been developed. Once grant is awarded, surveyors will confirm the actual dredging needs and then dredging designs will be developed for only those locations.

b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?

The project will definitely result in enhanced public use of the various docks and water access facilities in Downtown Jacksonville. Project engineers will be encouraged to incorporate ways to minimize environmental impacts and reduce project costs.

(For reviewer only)
(1-2 points)

9) CONSTRUCTION TECHNIQUES:**a) Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

This is a Phase 1 project. The future Phase 2 project would likely involve an updated pre-dredge survey and soil testing, followed by either mechanical or hydraulic dredging from a barge and transporting the dredged material to an approved, upland disposal site. Upon completion, a post-dredge survey would confirm the project matched the dredge design and stayed within compliance with the permits.

b) What is the design life of the proposed materials compared to other available materials?

20 years would be the expected lifespan before another dredging project may be needed in certain areas.

(For reviewer only)
(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

The various docks and access facilities were all constructed in compliance with environmental permits. These facilities are exclusively used for recreational boating by both local and visiting boaters so environmental impact from their use is minimal. Furthermore, Metro Marina is designated as a Clean Marina by DEP.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

This is a dredging project. While sea level rise should have no significant impact on the design of the project, it could actually increase the life span of the dredge since water depth increases as sea level rises.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Downtown Dredging, Phase 1
Applicant:	City of Jacksonville

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Surveying	100,000.00	50,000.00	50,000.00
Geotech	150,000.00	75,000.00	75,000.00
Permitting	40,000.00	20,000.00	20,000.00
Dredge designs	180,000.00	90,000.00	90,000.00
Soil testing	30,000.00	15,000.00	15,000.00

**TOTALS =	\$ 500,000.00	\$ 250,000.00	\$ 250,000.00
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ATTACHMENT E-6**PROJECT TIMELINE**

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Downtown Dredging, Phase 1
Applicant:	City of Jacksonville

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

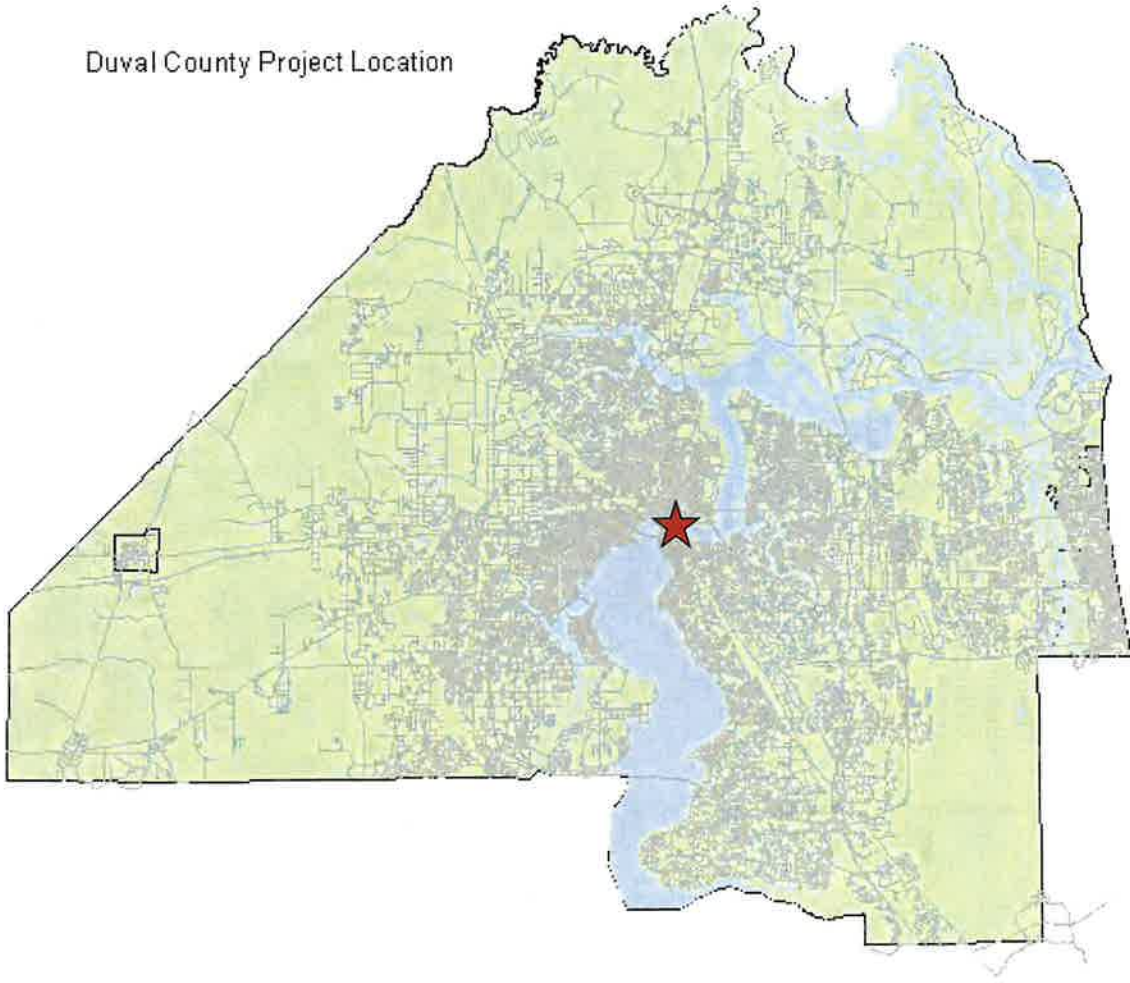
Date	Component
October 2023	Grants received
December 2023	Grants executed
March 2024	Survey water depths
June 2024	Design starts
September 2024	Permits submitted
April 2025	Permits received
August 2025	Design complete
September 2025	Grant close-out

EXHIBIT 1: COUNTY LOCATION MAP



EXHIBIT 2

Duval County Project Location



Downtown Dredging
PHASE 1

Downtown Jacksonville Public Boating Facilities

- Public Boat Ramp

 - River Taxi Dock
 - 10 Minute Passenger Loading
 - 30 Minute Passenger Loading
 - Pump-Out Station
 - Gas & Diesel Fuel
 - Kayak Launch
- # Dock ID, See Table for Details
 - COJ Floating Docks
 - COJ Fixed Docks
 - COJ Mooring Dolphins
 - Publicly Available Docks w/Fees
 - JaxParks Properties
 - Waterfront Restaurant



Dock Details

ID - Name	Capacity	Taxi	Notes/Restrictions
1 - Post St.	5 boats	Y	No Overnight Use
2 - RAM	10 boats	Y	RAM & Special Events Only
3 - Jackson St.	5 boats	Y	72 Hrs. Max
4 - Riverfront Plaza	44 boats	Y	Respect Loading & Fire Zones
5 - Liberty St.	2 boats	N	72 Hrs. Max
6 - Berkman Marina	52 boats	N	Private/Fee
7 - A. Philip Randolph	2 boats	Y	72 Hrs. Max
8 - Metro Park Marina	78 boats	Y	Respect Loading Zone
9 - Friendship Fountain	5 boats	Y	72 Hrs. Max
10 - Riverplace Tower	10 boats	Y	72 Hrs. Max
11 - Fixed Dock	2 boats	N	Fixed Dock for Larger Vessels
12 - Chart House	2 boats	Y	Loading Only
13 - Exchange Island	5 boats	N	Daylight Hrs. Only
14 - Arlington Marina	30 boats	N	Private/Fee

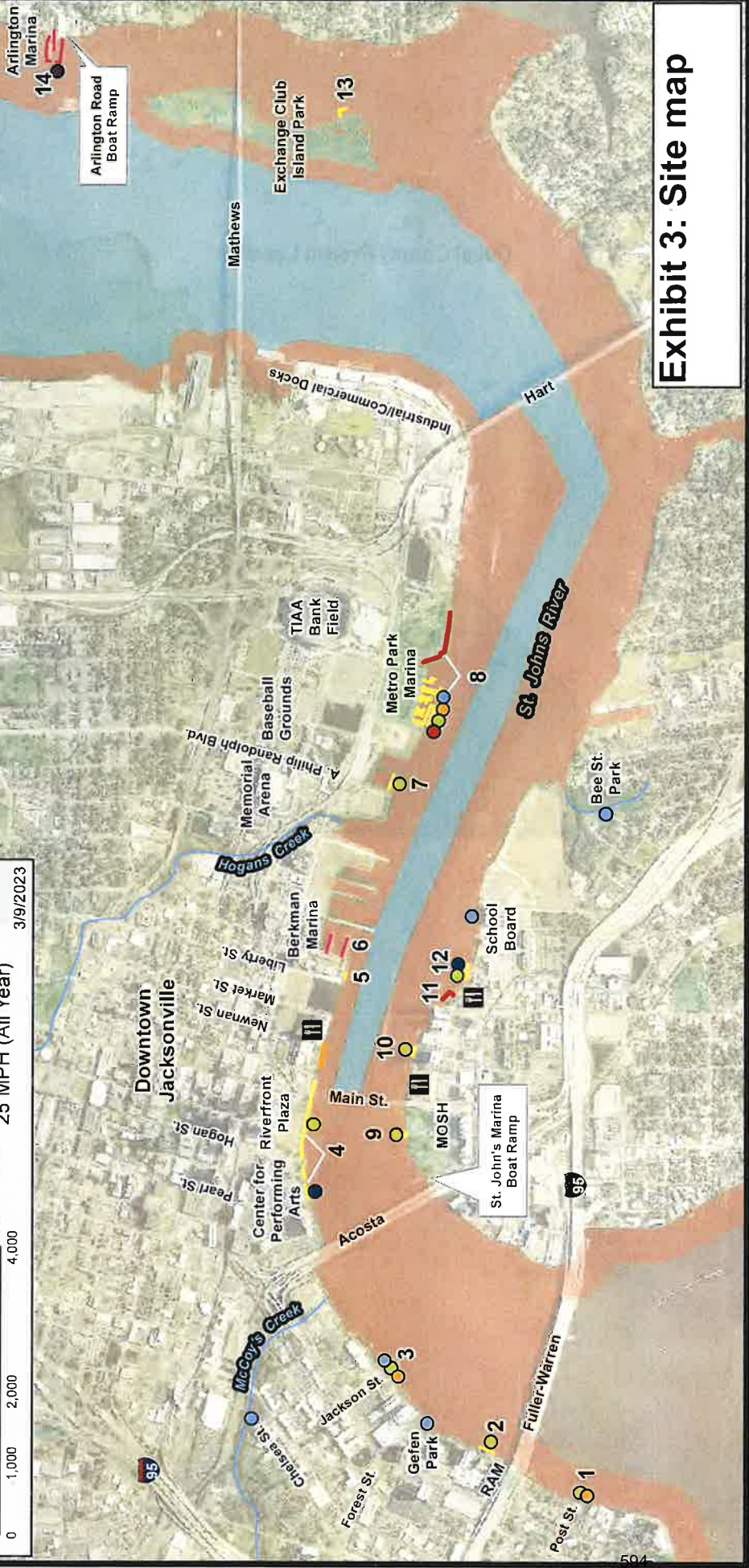


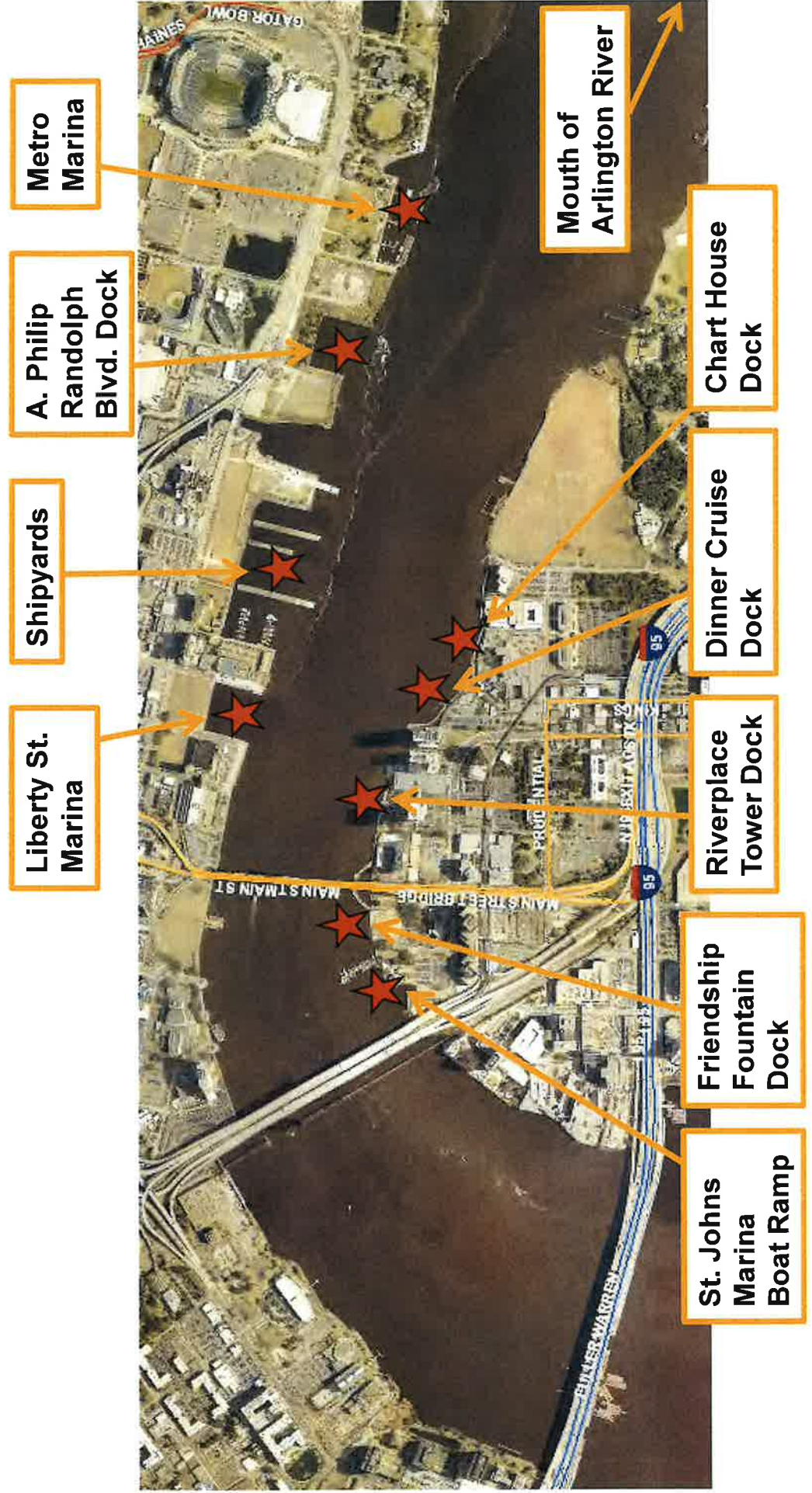
Exhibit 3: Site map

Downtown Dredging, Phase 1

ITEM 10.33

Exhibit 4: Site Development

Scope: Identify and design/permit a dredge project at necessary public docking and boat ramp sites in downtown area



ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Jacksonville			
Department: Parks, Recreation & Community Services			
Project Title: Sisters Creek Transient Facilities, Phase 1			
Project Director: Daryl Joseph		Title:	Parks Director
Project Liaison: <small>(if different from Director)</small>	Brian Burket	Title:	Waterfront Project Manager
Mailing Address:	214 N. Hogan Street, 4th Floor		
City: Jacksonville	Zip Code:	32202	
Email Address: BBurket@coj.net	Phone #:	904-255-7935	
Project Address:	8203 Heckscher Drive, Jacksonville, FL 32226		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: BP Burket

DATE: 3/20/2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

Jim King Park and Boat Ramp at Sisters Creek is one of the most popular public boating facilities in Duval County due to its location at the intersection of the Intracoastal Waterway and St. Johns River with quick access to the Atlantic Ocean. In addition to having a well-used multi-lane boat ramp with more than 50 boat trailer parking spaces, the site provides 360 LF of dockage designated for transient boaters. The strategic location is an attractive overnight stop for boaters who are passing through the Jacksonville area. Furthermore, it is the only free transient dock in Duval County. The park also contains two small restroom facilities as well as a fishing structure and kayak launch. The current restrooms only provides one men's and one women's toilet and is shared with all other park visitors. The purpose of this project is to design/permit approximately 500 LF of new docks plus a new restroom/shower/laundry building to enhance support of transient boaters.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Jacksonville	Project Title: Sisters Creek Transient Facilities, Phase 1	
Total Project Cost: \$ 700,000	FIND Funding Requested: \$ 350,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$350,000	
Source of Applicant's Matching Funds:	The City will match from the Capital Improvement Budget for FY 2023-2024.	

1. **Ownership of Project Site (check one):** Own: ☒ Leased: ☐ Other: ☐

2. **If leased or other, please describe lease or terms and conditions:**

N/A

3. **Has the District previously provided assistance funding to this project or site?** Yes ☒ No: ☐

4. **If yes, please list:**

1987: boat ramp; 1998: docks; 2008: kayak launch; 2010: pump-out dock; 2013/2017: parking lot lighting; 2013/2015: dock relocation

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

4 boat ramps w/420' of access dock, 94 trailer parking spaces, fishing structure, 360' transient boater dock, kayak launch, restrooms

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

approx. 500 LF of docks & new bathhouse with restrooms, showers and laundry

7. **Are fees charged for the use of this project?** No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	No		
DEP	Yes		
ACOE	Yes		

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Sisters Creek Transient Facilities, Phase 1
Applicant:	City of Jacksonville

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

7. Acquisition, dredging, shoreline stabilization and development of public boat docking and mooring facilities.

- b) Explain how the project fits this priority category.**

The purpose of this project is to design/permit approximately 500 LF of new docks plus a restroom/shower/laundry building to support visitation by transient boaters.

(For reviewer only)

Max. Available Score for application 47

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.**

This project is located directly on the ICW near its intersection with the St. Johns River. The proposed facilities in this project will support recreational and transient boater's use of these waterways.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

Approximately 500 LF of new floating docks and a bathhouse are proposed to support both overnight transient boaters passing through the area as well as serve local recreational boaters.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

The project will more than double the available docking space for overnight transient boaters and support extended stays with the proposed bathhouse with restrooms, showers and laundry facilities. Based on 50 LF per vessel, dockage space for transient boats will increase capacity from 7 boats per night to 17 boats per night.

- b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

This project is easily accessed by water directly on the ICW near its intersection with the St. Johns River. Residents from neighboring Nassau and St. Johns Counties can also drive to site via A1A.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

Commercial use without a permit is prohibited at this site; however, professional fishermen, guides, etc. are allowed to use the ramp for launching as long as no business transactions take place onsite. And, there is a slow speed zone surrounding the boat ramp and adjacent bridge.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

This is a Phase 1 design project. Only a concept has been envisioned. Once grant is awarded, design can begin soon and expected to be completed within 18 months.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

The bathhouse design timeline could be slowed down by stormwater requirements and sea level rise considerations.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

City of Jacksonville, Capital Improvement Budget for 2023-2024. The 50% match (\$350,000) of the project cost will be included in city budget approved in late Sept. 2023.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

This is a Phase 1 design project. Cost efficiencies will be considered once the design process is underway.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

No

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

Jim King Park and Boat Ramp at Sisters Creek is the only free, overnight docking facility along the Intracoastal Waterway in Duval County and potentially along the entire ICW in Florida. The only transient docks currently available at the site can only accommodate about 7 vessels at one time and only two simple restrooms with one men's and one women's toilet is onsite. With the addition of a restroom/shower/laundry building and significant expansion of floating docks, the City expects more transient boaters traveling the ICW to use the dock. In order for the site to become a more desirable destination, these improvements are necessary.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The site is maintained by the City of Jacksonville's Parks Department. Maintenance costs of the park are included in the city budget.

c) Is this project referenced or incorporated in an existing maritime management, public assess or comp plan?

The Maritime Mgt. Plan for Duval County identifies the opportunity at this site to expand public docking and improve restroom facilities.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

FIND FORM NO. 91-25

Rule 66B-2.005 (Effective Date: 3-21-01, Revised 4-24-06, 1-27-14)

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
If permits are NOT required, explain why not.**

This is a Phase 1 design project. Permits will be applied during the design process.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

Future construction costs are currently estimated at \$2,500,000 but this estimate will be refined during the design process.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

No permitting impediments have been identified at this time.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

- a) Has the design work been completed?
If this is a Phase I project, has a preliminary design been developed?**

Only a general concept has been envisioned showing the proposed facilities and approximate locations.

- b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?**

While the proposed project will certainly enhance and expand public use of the site, the design process will consider ways to minimize environmental impacts, protect water quality and minimize costs.

*(For reviewer only)
(1-2 points)*

9) CONSTRUCTION TECHNIQUES:

- a) Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

The new floating docks would be connected via a gangway to an existing access pier. Construction would involve installing new concrete piles and attaching the concrete floating docks in a continuous row parallel to the shoreline in sufficient water depths.

The proposed bathhouse would be set back from the water and potentially be elevated on support pilings. Design has not started but will likely be a custom building.

- b) What is the design life of the proposed materials compared to other available materials?**

20 to 25 years is the expected lifespan of the floating docks and 50 years is anticipated for the bathhouse building.

*(For reviewer only)
(1-3 points)*

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

This site is recognized as a Clean Marina by DEP and the City is committed to renewing this certification regularly. The program encourages marina facilities to incorporate environmental Best Management Practices which exceed regulatory requirements.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

The project has not yet been designed; however, the height of the dock piles will consider sea level rise and the bathhouse building could potentially be elevated to minimize impacts during flooding events.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

Form No. 91-25A

Rule 66B-2.005 (Effective Date: 3-21-01, revised 4-24-06, 1-27-14)

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

[See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios]

Project Title:	Sisters Creek Transient Facilities, Phase 1
Applicant:	City of Jacksonville

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Surveying	50,000.00	25,000.00	25,000.00
Geotech	150,000.00	75,000.00	75,000.00
Permitting	50,000.00	25,000.00	25,000.00
Marine Engineering	120,000.00	60,000.00	60,000.00
Architectural/Utilities Design	200,000.00	100,000.00	100,000.00
Structural Engineering	130,000.00	65,000.00	65,000.00

**TOTALS =	\$ 700,000.00	\$ 350,000.00	\$ 350,000.00
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ATTACHMENT E-6**PROJECT TIMELINE**

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Sisters Creek Transient Facilities, Phase 1
Applicant:	City of Jacksonville

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

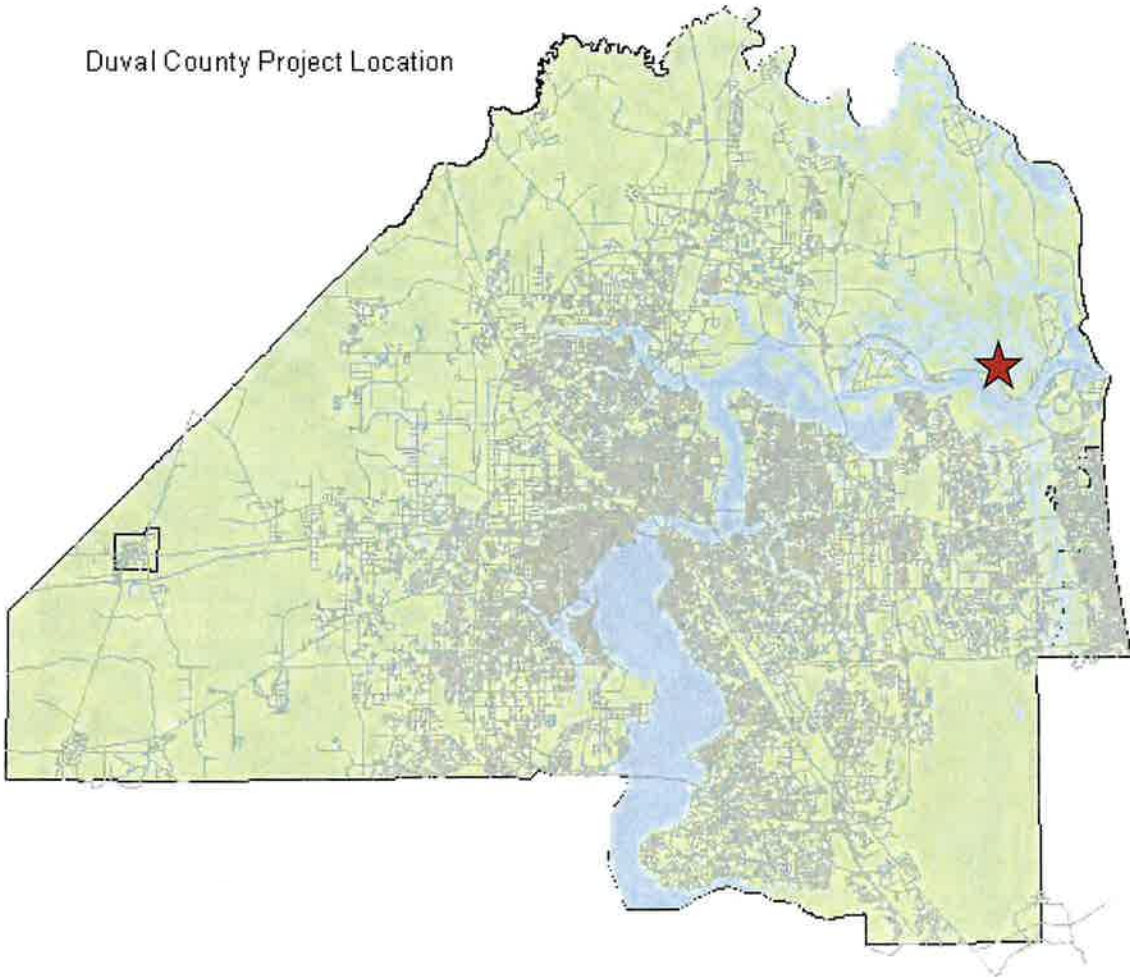
Date	Component
October 2023	Grants received
December 2023	Grants executed
March 2024	Design start
July 2024	Permits submitted
March 2025	Permits received
August 2025	Design complete
September 2025	Grant close-out

EXHIBIT 1: COUNTY LOCATION MAP



EXHIBIT 2

Duval County Project Location

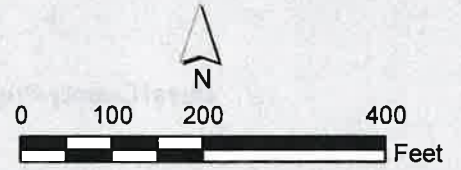


Sisters Creek Transient Facilities
PHASE 1

Exhibit 3: Site map

ITEM 10.34
**Jim King Park and Boat
Ramp at Sisters Creek**

8203 Heckscher Drive



Kayak Launch

Fishing
Structure

Transient
Docks

Restroom

Jacksonville
Marine
Charities

Restroom

Pump-Out

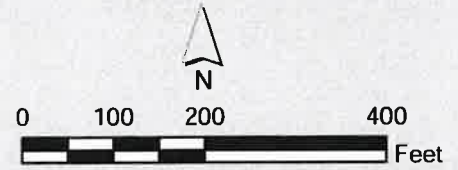
Boat Ramp

Exhibit 4: Site Development

ITEM 10.34

Jim King Park and Boat Ramp at Sisters Creek

8203 Heckscher Drive



**Bathhouse w/
restrooms,
showers &
laundry**

**500' New
Transient
Docks**

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Jacksonville			
Department: Parks, Recreation & Community Services			
Project Title: St. Johns Marina Boardwalk			
Project Director: Daryl Joseph		Title:	Parks Director
Project Liaison: <small>(if different from Director)</small>	Brian Burket	Title:	Waterfront Project Manager
Mailing Address:	214 N. Hogan Street, 4th Floor		
City: Jacksonville	Zip Code:	32202	
Email Address: BBurket@coj.net	Phone #:	904-255-7935	
Project Address:	901 Museum Circle, Jacksonville, FL 32207		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: BP Burket DATE: 3/20/2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

The existing, timber boardwalk at St. Johns Marina Boat Ramp was part of the City of Jacksonville's original downtown Southbank Riverwalk, constructed in the mid-1980s. For decades, this facility has been enjoyed by residents and tourists for strolling the Riverwalk, viewing the St. Johns River, watching fireworks shows, and fishing.

In 2017, Hurricane Irma effectively destroyed this 275 LF structure and is no longer safe to use. The City completed the design for replacement with a new timber boardwalk in the same footprint and applied for FEMA assistance, but the FEMA request was denied due to its age and deteriorating condition prior to the storm. The City is now seeking funding assistance from FIND to cover 50% of the cost to rebuild the boardwalk. DEP confirmed the project is exempt from permits and the City is actively working on the renewal of the Federal authorization.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Jacksonville	Project Title: St. Johns Marina Boardwalk	
Total Project Cost: \$ 1,200,000	FIND Funding Requested: \$ 600,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$600,000	
Source of Applicant's Matching Funds:	The City will match from the Capital Improvement Budget for FY 2023-2024.	

1. **Ownership of Project Site (check one):** Own: ☐ Leased: ☒ Other: ☐

2. **If leased or other, please describe lease or terms and conditions:**

While the uplands of the boat ramp and some of the adjacent submerged lands is owned by the City, a portion of the boardwalk structure is subject to a submerged land lease with the State as well as an FDOT right-of-way easement for the Acosta Bridge.

3. **Has the District previously provided assistance funding to this project or site?** Yes ☒ No: ☐

4. **If yes, please list:**

2017: Dredge design

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable):**

275 LF riverfront boardwalk, 2 ramp lanes, 15 trailer parking spaces, 2 floating docks

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

None. This project would rebuild the 275 LF boardwalk that was destroyed by a hurricane.

7. **Are fees charged for the use of this project?** No ☒ Yes ☐ **

**If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	No		
DEP	Yes	3/20/2020	4/14/2020
ACOE	Yes	3/20/2020	4/14/2020

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	St. Johns Marina Boardwalk
Applicant:	City of Jacksonville

1) PRIORITY LIST:

- a) Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

10. Public fishing & viewing piers.

- b) Explain how the project fits this priority category.**

This project will rebuild a section of the Southbank Riverwalk in downtown Jacksonville that serves both as a viewing pier and public fishing structure.

(For reviewer only)

Max. Available Score for application 45

Question 1. Range of Score (1 to 3 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.**

St. Johns Marina Boat Ramp is located on the St. Johns River which is connected to the ICW.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

St. Johns Marina Boat Ramp is the only boat launch located in downtown Jacksonville and contains one of only two designated fishing structures in the downtown area.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

The St. Johns Marina Boat Ramp and its Riverwalk is popular for those wanting to explore downtown and the vicinity, especially during waterfront special events. It is also one of only two locations downtown approved for fishing. Depending on the time of year, public use of this site can range from 2,000 to 10,000 people per month.

- b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

Rebuilding the boardwalk would restore both public fishing and viewing access to the St. Johns River in downtown Jacksonville. The site is easily accessed via Interstate 10 and 95 by residents from the region.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

Commercial use without a permit is prohibited at this site; however, professional fishermen, guides, etc. are allowed to use the site for launching vessels as long as no business transactions take place onsite. And, City Ordinance prohibits fishing within 30' of a boat ramp. There is also a slow speed zone throughout this portion of the river downtown.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

Design of the replacement boardwalk is complete and DEP and USACE authorization was approved in 2020. The USACE authorization has since expired and the City has requested renewal. If this funding request is approved, construction can move forward quickly following advertisement and contracting.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

Since this project will rebuild the same structure, in the same footprint with similar materials, nothing is anticipated that would negatively influence the timeline.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

City of Jacksonville, Capital Improvement Budget for 2023-2024. The 50% match (\$600,000) of the project cost will be included in city budget approved in late Sept. 2023.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

If lumber costs increase significantly in the next year, this could impact the cost of the project when it is advertised for construction.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

No fees.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The existing boardwalk had been well used by the public for over 30 years until it was destroyed by Hurricane Irma in 2017. FEMA funding request to rebuild was denied so the City is seeking funding assistance from FIND to restore this water access amenity for viewing the St. Johns River and fishing. There is only one other designated fishing area in downtown Jacksonville which is located on the Northbank at Metro Park.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The site is maintained by the City of Jacksonville's Parks Department. Maintenance costs of the park are included in the city budget.

c) Is this project referenced or incorporated in an existing maritime management, public access or comp plan?

This is an existing boat ramp and fishing structure that is referenced in many public access documents and plans, so it is expected that this facility be properly maintained to ensure continued public access to waterways in this area.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
 If permits are NOT required, explain why not.**

DEP and USACE authorization was approved in 2020; however, the USACE authorization has since expired and the City has requested renewal of the Federal authorization.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

Estimated cost is \$1,200,000. See E-5 for details.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

Renewal of Federal authorization is expected prior to the Sept. 18 grant deadline. The replacement boardwalk will be installed in the same footprint of the existing, damaged boardwalk.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:**a) Has the design work been completed?****If this is a Phase I project, has a preliminary design been developed?**

Yes, design was completed in 2020.

b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?

The design of the replacement structure will match the footprint of the existing structure but the materials and design elements have been brought up to current codes and standards to ensure compliance and improve expected lifespan.

(For reviewer only)
(1-2 points)

9) CONSTRUCTION TECHNIQUES:**a) Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.**

First, the current structure will be completely demolished. Then, the new pilings will be set, cap beams and cross-bracing attached, then stringers and decking would be constructed, followed by installation of decking, guardrails and lighting system.

b) What is the design life of the proposed materials compared to other available materials?

30 years is expected design life.

(For reviewer only)
(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

The replacement structure will be installed in the same footprint which will minimize any additional environmental disturbance. The selected contractors will need to follow all permitting requirement including manatee protection measures of in-water construction.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

The replacement structure was designed to match the existing pier to align with FEMA funding guidance for in-kind replacement before their funding was ultimately denied. The elevation of the replacement pier is designed at 4.1 ft NAVD88 which also matches the adjacent upland elevation and is higher than the effective FEMA 50-year return period water elevation at the site of 3.8 feet NAVD88.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____

Note:

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

Form No. 91-25A

Rule 66B-2.005 (Effective Date: 3-21-01, revised 4-24-06, 1-27-14)

ATTACHMENT E-4F
EVALUATION WORKSHEET
EMERGENCY RE-CONSTRUCTION

WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED ONLY IF YOUR PROJECT IS A WATERWAY PROJECT THAT WAS DAMAGED BY A NATURAL DISASTER AS DECLARED BY A STATE OF EMERGENCY UNDER CHAPTER 252, FLORIDA STATUTES.

11. (EXTRA) STORM DAMAGE EVALUATION:

- a) List the State of Emergency declaration order or proclamation & the name and date of the storm/event.**

EM-3385-FL / Hurricane Irma
 September 2017

- b) Has this site/project previously received funding from FIND**

Yes. 2017 for a dredge project at the site but unrelated to the subject boardwalk in this application.

- c) Detail the other funding mechanisms and financial assistance that will be applied to defray the reconstruction costs or damage repair.**

City of Jacksonville, Capital Improvement Budget for 2023-2024. The 50% match (\$600,000) of the project cost will be included in city budget approved in late Sept. 2023.

- d) What is the current status of your FEMA paperwork for the project?**

Request denied on July 23, 2021 due to the structure's age and deteriorating condition prior to the storm.

(For reviewer only)
(0-3 points)

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	St. Johns Marina Boardwalk
Applicant:	City of Jacksonville

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Mobilization/Demobilization	160,000.00	80,000.00	80,000.00
Demolition	100,000.00	50,000.00	50,000.00
Furnish/Install New Timber Piles	120,000.00	60,000.00	60,000.00
Furnish/Install New Cap Beams & Cross-bracing	200,000.00	100,000.00	100,000.00
Furnish/Install New Stringers & Decking	300,000.00	150,000.00	150,000.00
Furnish/Install New Guardrails	100,000.00	50,000.00	50,000.00
Furnish/Install New Lighting System	100,000.00	50,000.00	50,000.00
Post Design Services & Inspections	120,000.00	60,000.00	60,000.00
**TOTALS =	\$ 1,200,000.00	\$ 600,000.00	\$ 600,000.00

ATTACHMENT E-6
PROJECT TIMELINE
 WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	St. Johns Marina Boardwalk
Applicant:	City of Jacksonville

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
 (or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

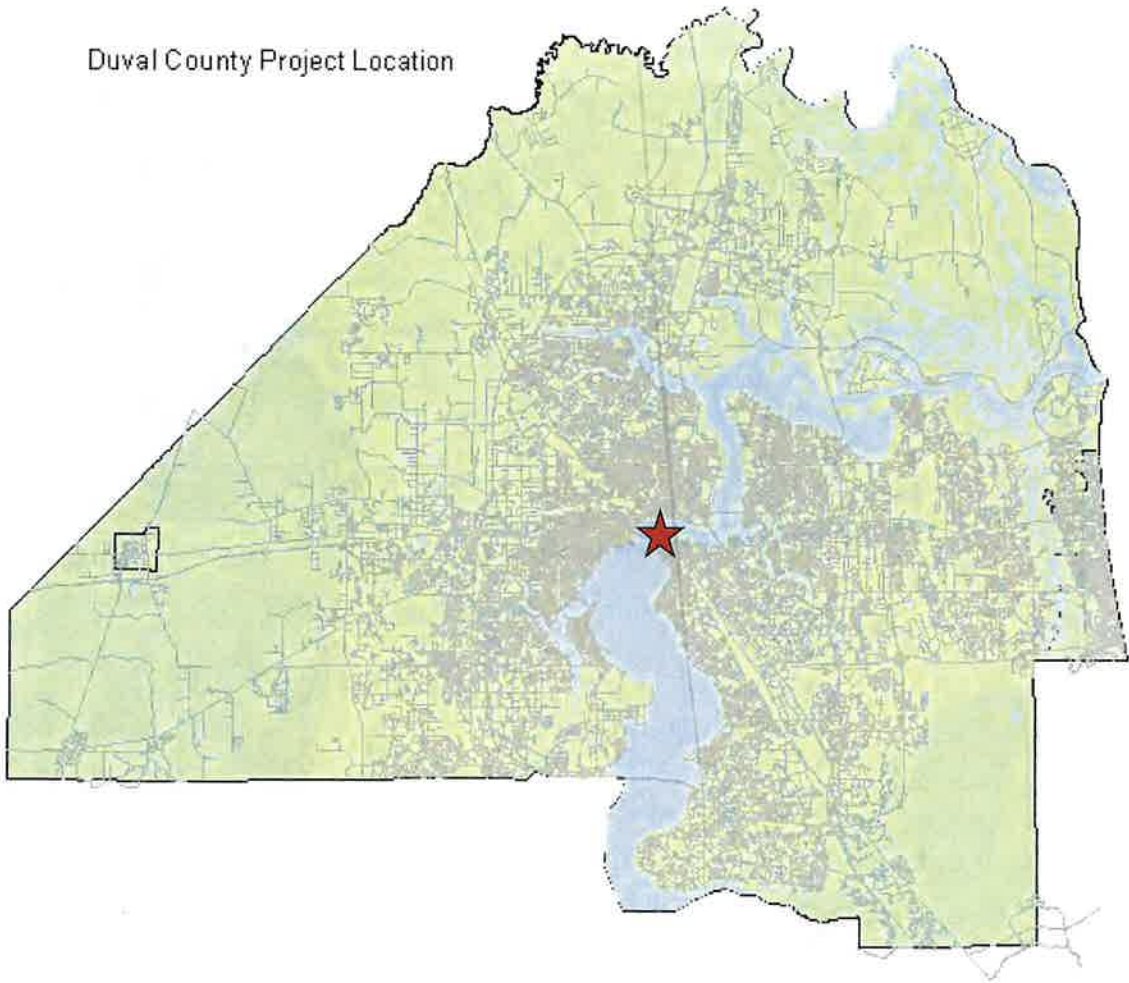
Date	Component
October 2023	Grants received
December 2023	Grants executed
Spring 2024	Bidding/Contracting
Summer 2024	Construction Start
Spring 2025	Construction Completion
Summer 2025	Grant Close-out

EXHIBIT 1: COUNTY LOCATION MAP



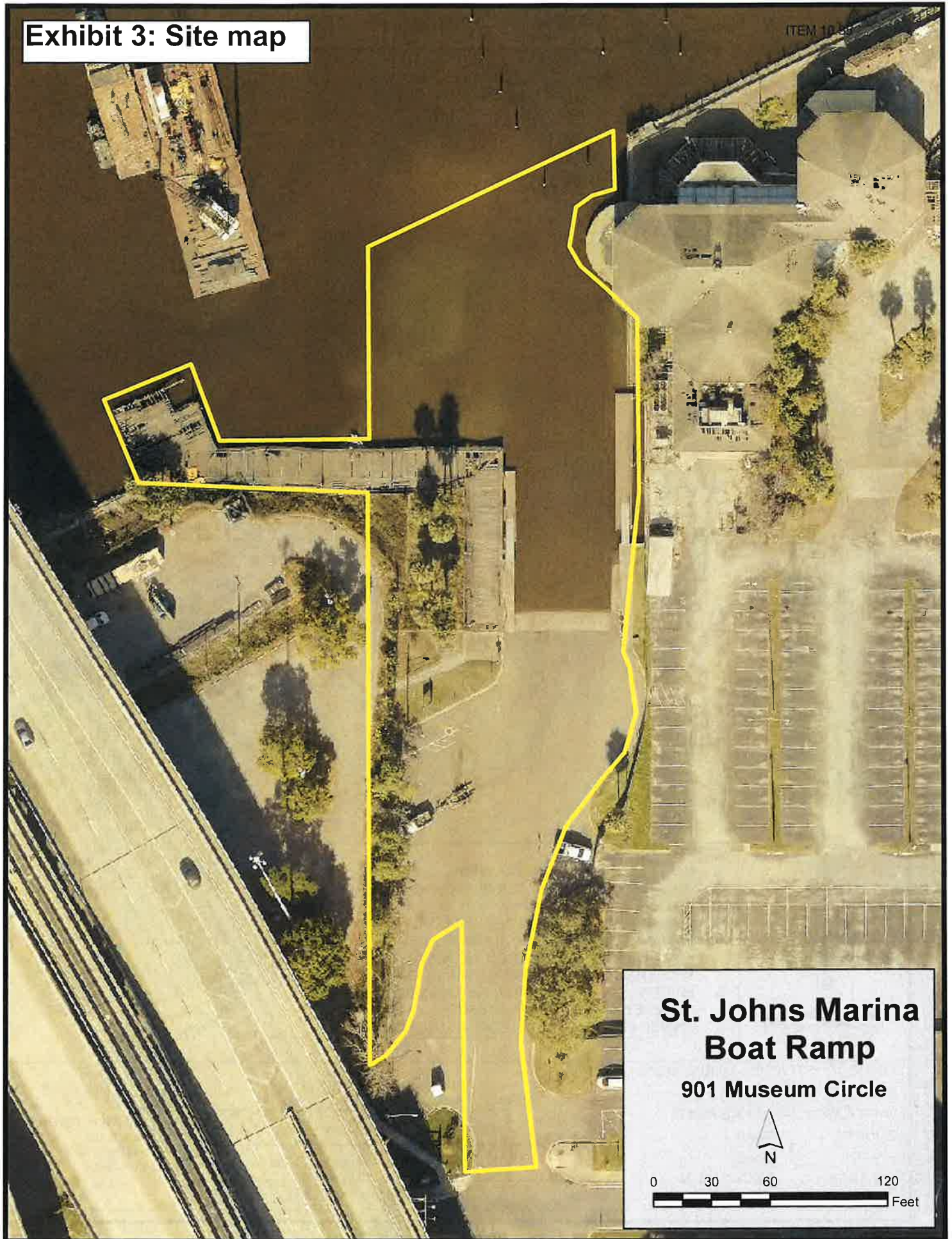
EXHIBIT 2

Duval County Project Location



St. Johns Marina Boardwalk

Exhibit 3: Site map



**St. Johns Marina
Boat Ramp**
901 Museum Circle

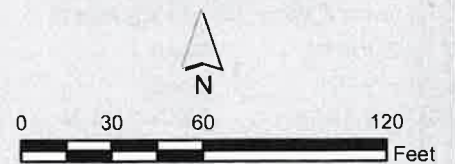
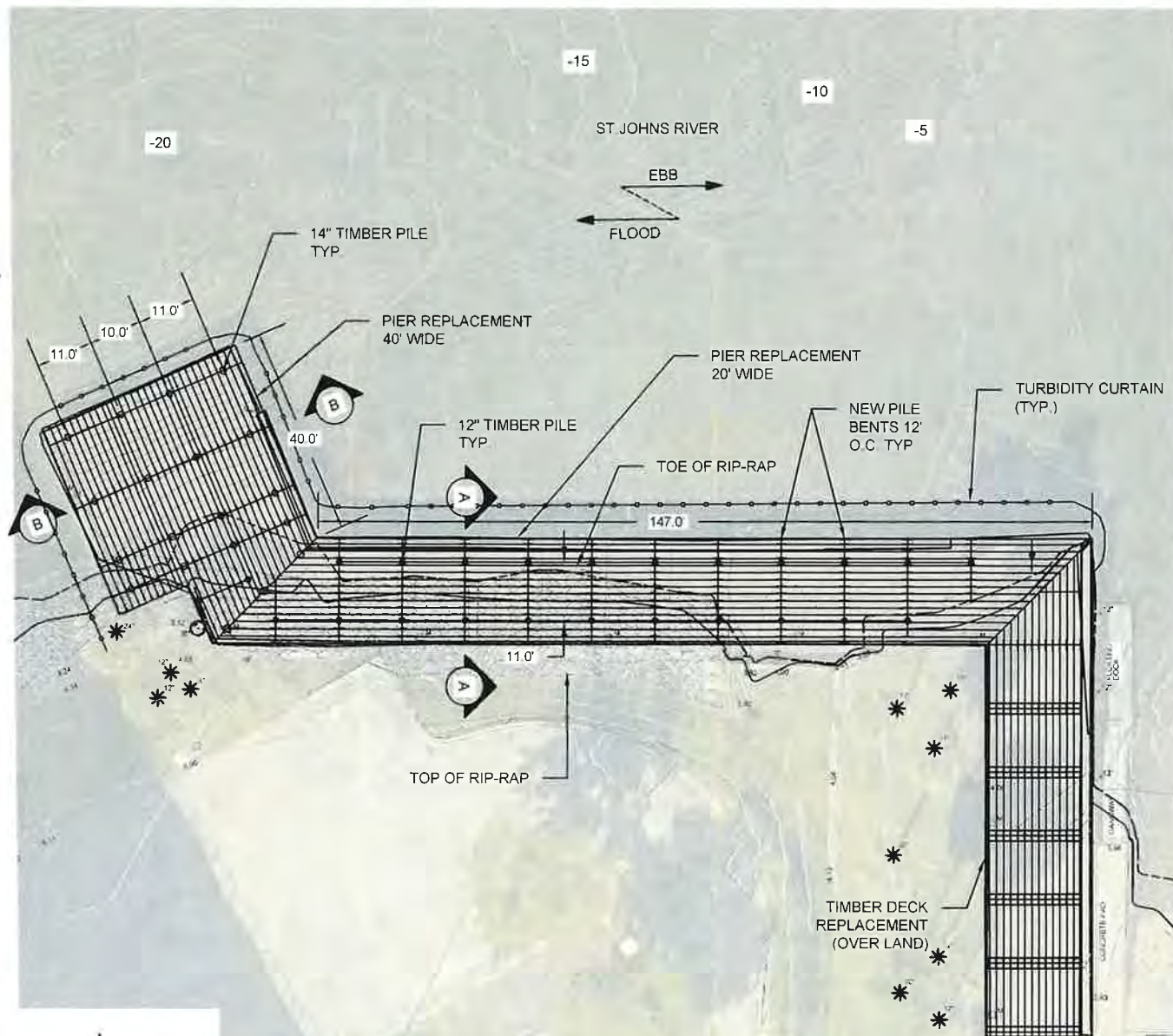


Exhibit 4: Site Development

ITEM 10.35



NOTE:

1. BASEMAP SOURCE: LABINS AERIAL 19356 AND 19357
2. SURVEY SOURCE: ARC SURVEYING AND MAPPING DATED 09/10/19
3. ELEVATIONS SHOWN IN FEET, NAVD 1988 DATUM.
4. RIP-RAP TO BE REMOVED AND REPLACED AS NEEDED FOR NEW PILE INSTALLATION. NO NEW RIP-RAP PROPOSED. RIP-RAP TO REMAIN IN EXISTING FOOTPRINT.
5. EXISTING DAMAGED TIMBER PIER AND PILES TO BE REMOVED AND DISPOSED OFFSITE.
6. TIMBER PILES MAY BE CUT OFF AT MUDLINE.



PROJECT: ST. JOHNS MARINA BOAT LANDING
 RIVERWALK PIER REPAIRS
 WATERBODY: ST. JOHNS RIVER
 COUNTY: Duval
 STATE: Florida
 LATITUDE: 30 19' 10.59"N
 LONGITUDE: 81 39' 42.95"W

PROPOSED CONDITIONS

Requested by: City of Jacksonville
 Project Address: 901 Museum Circle
 Parcel ID: 0802690500 & 0802705000

ATM ENGINEERING CONSULTANTS
 100 SOUTHPARK BLVD.
 SUITE 407
 ST. AUGUSTINE, FL 32086
 COA #4669
 MARCH 31, 2020
 SHEET 4

ATTACHMENT E-2
APPLICANT INFORMATION & PROJECT SUMMARY
 WATERWAY ASSISTANCE PROGRAM FY 2023

APPLICANT INFORMATION			
Applicant: City of Jacksonville			
Department: Parks, Recreation & Community Services			
Project Title: Oak Harbor Boat Ramp Bulkhead, Phase 2			
Project Director: Daryl Joseph		Title:	Parks Director
Project Liaison: <small>(if different from Director)</small>	Brian Burket	Title:	Waterfront Project Manager
Mailing Address:	214 N. Hogan Street, 4th Floor		
City: Jacksonville	Zip Code:	32202	
Email Address: BBurket@coj.net	Phone #:	904-255-7935	
Project Address:	2428 Seaway Street, Jacksonville, FL 32233		

*** I hereby certify that the information provided in this application is true and accurate. ***

SIGNATURE: BP Burket DATE: 3/20/2023

PROJECT NARRATIVE (Please summarize the project in space provided below in 2 paragraphs or less.)

Oak Harbor Boat Ramp is a well-used ramp utilized by boaters for direct access the ICW from Jacksonville's beach communities. The ramp is well protected and accesses the ICW through a short access channel that was recently dredged with FIND assistance. This ramp contains a single launch lane with associated access dock, 25 trailer parking spaces and picnic facilities. The ramp facility was originally developed in the 1960s and renovated in 1990. The 500 LF of sheet pile bulkhead has become extensively corroded and covered with oyster growth and has experienced failures in multiple locations that have resulted in the erosion of backfill area that has been re-filled numerous times in recent years. A Phase 1 grant was funded in 2022 for design/permitting for replacement of the bulkhead. This new request is for Phase 2 to construct the replacement of the bulkhead to ensure continued availability of this public ramp.

PROJECT INFORMATION

WATERWAY ASSISTANCE PROGRAM FY 2023

Applicant: City of Jacksonville	Project Title: Oak Harbor Boat Ramp Bulkhead, Phase 2	
Total Project Cost: \$ 1,600,000	FIND Funding Requested: \$ 800,000	% of Total Cost: 50%
Amount of Applicant's Matching Funds:	\$800,000	
Source of Applicant's Matching Funds:	The City will match from the Capital Improvement Budget for FY 2023-2024.	

1. **Ownership of Project Site (check one):** Own: ☒ Leased: ☐ Other: ☐

2. **If leased or other, please describe lease or terms and conditions:**

N/A

3. **Has the District previously provided assistance funding to this project or site?** Yes: ☒ No: ☐

4. **If yes, please list:**

1988: ramp and bulkhead renovations, 1993/1995: dredge access channel,
2017/2019: dredge access channel, 2022: bulkhead replacement (Phase 1)

5. **What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)?** (as applicable):

1 boat ramp lane with floating dock and 25 boat trailer parking spaces

6. **How many additional ramps, slips, parking spaces or other access features will be added by this project?**

This project will replace the property's bulkhead in an effort to protect the existing water access facilities. No new access will be provided with this project.

7. **Are fees charged for the use of this project?** No: ☒ Yes: ☐ **

****If yes, please attach additional documentation of fees and how they compare with fees from similar public & private facilities in the area.**

Please list all Environmental Resource Permits required for this project:

AGENCY	Yes / No / N/A	Date Applied For	Date Received
WMD	No		
DEP	Yes	Spring 2023	
ACOE	Yes	Spring 2023	

ATTACHMENT E-4 EVALUATION WORKSHEET

WATERWAY ASSISTANCE PROGRAM FY 2023

DIRECTIONS:

All applicants will complete questions 1 through 6, and then based on the type of project, complete one and only one subsection (E-4A, B, C, D or E) for questions 7-10.

*****Please keep your answers brief and do not change the pagination of Attachment E-4*****

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

Project Title:	Oak Harbor Boat Ramp Bulkhead, Phase 2
Applicant:	City of Jacksonville

1) PRIORITY LIST:

- a) **Denote the priority list category of this project from Attachment C in the application.**
(The application may only be of **one** type based upon the predominant cost of the project elements.)

6. Acquisition, dredging, shoreline stabilization and development of public boat ramps and launching facilities.

- b) **Explain how the project fits this priority category.**

This project will replace the existing bulkhead at this well-used, public boat ramp facility to ensure continued future use of the site.

(For reviewer only)

Max. Available Score for application 47

Question 1. Range of Score (1 to 5 points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project relates to the ICW and the mission of the Navigation District.**

This project is directly connected to the ICW via a short access channel and provides important public access to boaters.

- b) What public access or navigational benefit to the ICW or adjoining waterway will result from this project?**

Replacing/improving the existing shoreline stabilization will ensure continued availability to the ICW from this popular boat ramp for the next 50 years.

(For reviewer only)
(1-6 points)

3) PUBLIC USAGE & BENEFITS:

- a) Describe how the project increases/improves boater/public access. Estimate the amount of total public use.**

This boat ramp is well used by beach residents and others seeking direct access to the ICW due to its close proximity to the St. Johns River and Atlantic Ocean. Fishermen also fish off the bulkhead. Bulkhead replacement is needed before erosion gets worse and begins to affect public use of the site. Use is estimated at 50 to 150 people per day.

- b) Discuss the regional and local public benefits provided by the project. Can residents from other counties of the District reasonably access and use the project? Explain.**

This is a well used ramp by local boaters but is also accessible by neighboring county residents via A1A.

- c) Has the local Sponsor implemented or plans to implement any boating access, speed zone, commercial access or other restrictive use of this site?**

Commercial use without a permit is prohibited at this site; however, professional fishermen, guides, etc. are allowed to use the ramp for launching as long as no business transactions take place onsite. No other boating restrictions are planned for this area.

(For reviewer only)
(1-8 points)

4) TIMELINESS:

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-6.**

Design is underway and permit applications will be submitted in Spring 2023. Project engineers don't anticipate any issues with obtaining the permits by September 18 grant deadline.

- b) Briefly explain any unique aspects of this project that could influence the timeline.**

The replacement bulkhead will be installed immediately in front of the existing bulkhead which should result in a relatively quick review by regulatory agencies.

(For reviewer only)
(1-3 points)

5) COSTS & EFFICIENCY:

- a) List funding sources and the status and amount of the corresponding funding that will be utilized to complete this project including any cash match or matching grant funds.**

City of Jacksonville, Capital Improvement Budget for 2023-2024. The 50% match (\$800,000) of the project cost will be included in city budget approved in late Sept. 2023.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.**

If price of steel increases significantly in the next year, this could impact the cost of the project when it is advertised for construction.

- c) Are there any fees associated with the use of this facility? If so, please list or attach fee sheet.**

No fees.

- d) If there are any fees, please explain where these fees go and what they are used for. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.**

N/A

(For reviewer only)
(1-6 points)

6) PROJECT VIABILITY:**a) Why is the project necessary and what need will it fill? Why are existing facilities insufficient to meet demand?**

The existing old bulkhead at this boat ramp property has extensive corrosion and is covered with significant oyster growth. Multiple holes have developed along the bulkhead that have resulted in erosion of backfill in recent years. This is a well-used ramp located along the ICW which many depend on for waterway access. This project will address these issues and ensure the facility will be available for public use for the next 50 years.

b) Clearly demonstrate how the project will continue to be maintained and funded after funding is completed.

The site is maintained by the City of Jacksonville's Parks Department. Maintenance costs of the park are included in the city budget.

c) Is this project referenced or incorporated in an existing maritime management, public access or comp plan?

This is an existing boat ramp that is referenced in many public access documents and plans, so it is expected that this facility be properly maintained to ensure continued public access to waterways in this area.

(For reviewer only)
(1-7 points)

SUB-TOTAL _____

ATTACHMENT E-4A
EVALUATION WORKSHEET
DEVELOPMENT & CONSTRUCTION PROJECTS
 WATERWAY ASSISTANCE PROGRAM FY 2023

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A DEVELOPMENT OR CONSTRUCTION PROJECT BUT **IS NOT** AN INLET MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

7) PERMITTING:

- a) Have all required environmental permits been applied for? (USACE, DEP and WMD)
 If permits are NOT required, explain why not.**

The required permits applications will be submitted to DEP and USACE in Spring 2023 and project engineers expect no issues in obtaining the permits by the September 18 grant deadline.

- b) If the project is a Phase I project, please provide a general cost estimate for the future Phase II work.**

Estimated cost is \$1,600,000. See E-5 for details.

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.**

No impediments have been identified. The replacement bulkhead will be installed directly in front of the existing bulkhead.

(For reviewer only)
(1-4 points)

8) PROJECT DESIGN:

a) Has the design work been completed?

If this is a Phase I project, has a preliminary design been developed?

Design efforts are underway but not yet completed. New sheet pile will be installed immediately in front of the existing bulkhead. Due to premature deterioration of current bulkhead, the design will include corrosion protection measures in the form of protective coatings (zinc and coal tar epoxy) and sacrificial steel thickness.

b) Are there unique beneficial aspects to the proposed design that enhance public usage or access, minimize environmental impacts, improve water quality or reduce costs?

Nothing unique about this project but will have minimal environmental impact due to utilizing the same footprint as the current bulkhead. And, the new bulkhead cap will also support use by fishermen.

(For reviewer only)

(1-2 points)

9) CONSTRUCTION TECHNIQUES:

a) Briefly explain the construction techniques and materials to be utilized for this project. Identify any unique construction materials that may significantly alter the project costs. If a Phase 1, elaborate on potential techniques.

The construction strategy involves installing sheet pile directly in front of the existing bulkhead, filling all voids and add new concrete cap. The brackish water in the ICW is not amenable to unprotected steel which appears was used for the existing bulkhead. The design of the replacement bulkhead will include corrosion mitigation measures to ensure a longer lifespan, such as protective coatings (zinc and coal tar epoxy) and sacrificial steel thickness.

b) What is the design life of the proposed materials compared to other available materials?

50 years is expected design life.

(For reviewer only)

(1-3 points)

10) ENVIRONMENTAL COMPONENTS:

- a) How has the facility where the project is located demonstrated commitment to environmental compliance, sustainability, and stewardship?**

This project involves replacing the existing bulkhead in the same footprint so environmental impact will be minimal and will comply with any permitting requirements.

- b) What considerations, if any, have been made for sea level rise impacts in the design and life span of this project?**

Sea level rise was considered during the design phase but the current height of the bulkhead cap is still considered acceptable and matches the elevation of adjacent residential bulkheads. If the Oak Harbor bulkhead was raised, it would likely redirect flood waters to adjacent homes.

(For reviewer only)
(1-3 points)

RATING POINT TOTAL _____**Note:**

The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 10 points. A score of 35 points or more is required to be considered for funding.

Form No. 91-25A

Rule 66B-2.005 (Effective Date: 3-21-01, revised 4-24-06, 1-27-14)

ATTACHMENT E-5 PROJECT COST ESTIMATE

WATERWAY ASSISTANCE PROGRAM FY 2023

(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

Project Title:	Oak Harbor Boat Ramp Bulkhead, Phase 2
Applicant:	City of Jacksonville

Project Elements <i>(Please list the MAJOR project elements and provide general costs for each one. For Phase I Projects, please list the major elements and products expected)</i>	Total Estimated Cost	Applicant's Cost (To the nearest \$50)	FIND Cost (To the nearest \$50)
Mobilization/Demobilization	250,000.00	125,000.00	125,000.00
Furnish/Install Steel Sheet Pile	600,000.00	300,000.00	300,000.00
Backfill between old & new bulkhead	50,000.00	25,000.00	25,000.00
Furnish/install soil anchors	400,000.00	200,000.00	200,000.00
Furnish/install concrete cap	300,000.00	150,000.00	150,000.00
**TOTALS =	\$ 1,600,000.00	\$ 800,000.00	\$ 800,000.00

ATTACHMENT E-6 PROJECT TIMELINE

WATERWAY ASSISTANCE PROGRAM FY 2023

Project Title:	Oak Harbor Boat Ramp Bulkhead, Phase 2
Applicant:	City of Jacksonville

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

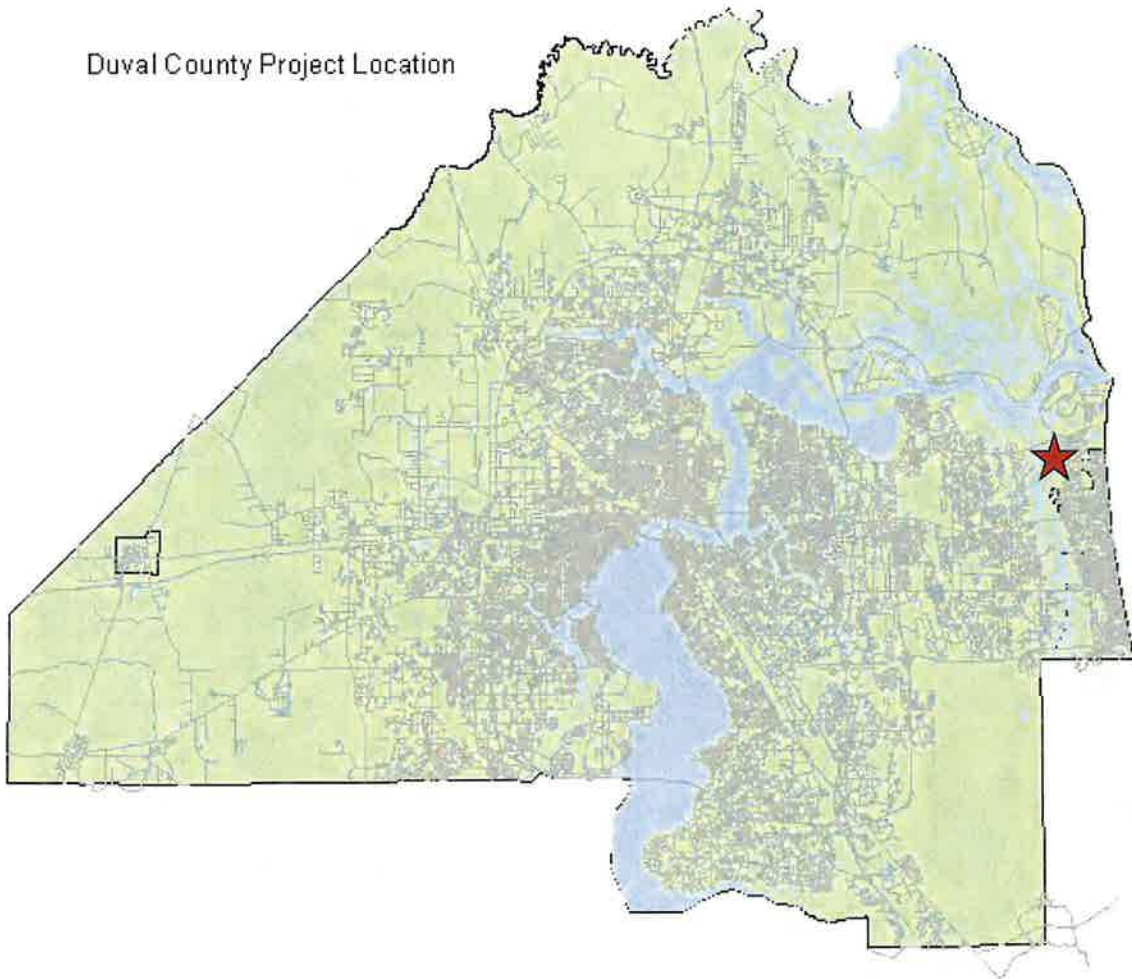
Date	Component
October 2023	Grants received
December 2023	Grants executed
Spring 2024	Bidding/Contracting
Summer 2024	Construction Start
Spring 2025	Construction Completion
Summer 2025	Grant Close-out

EXHIBIT 1: COUNTY LOCATION MAP



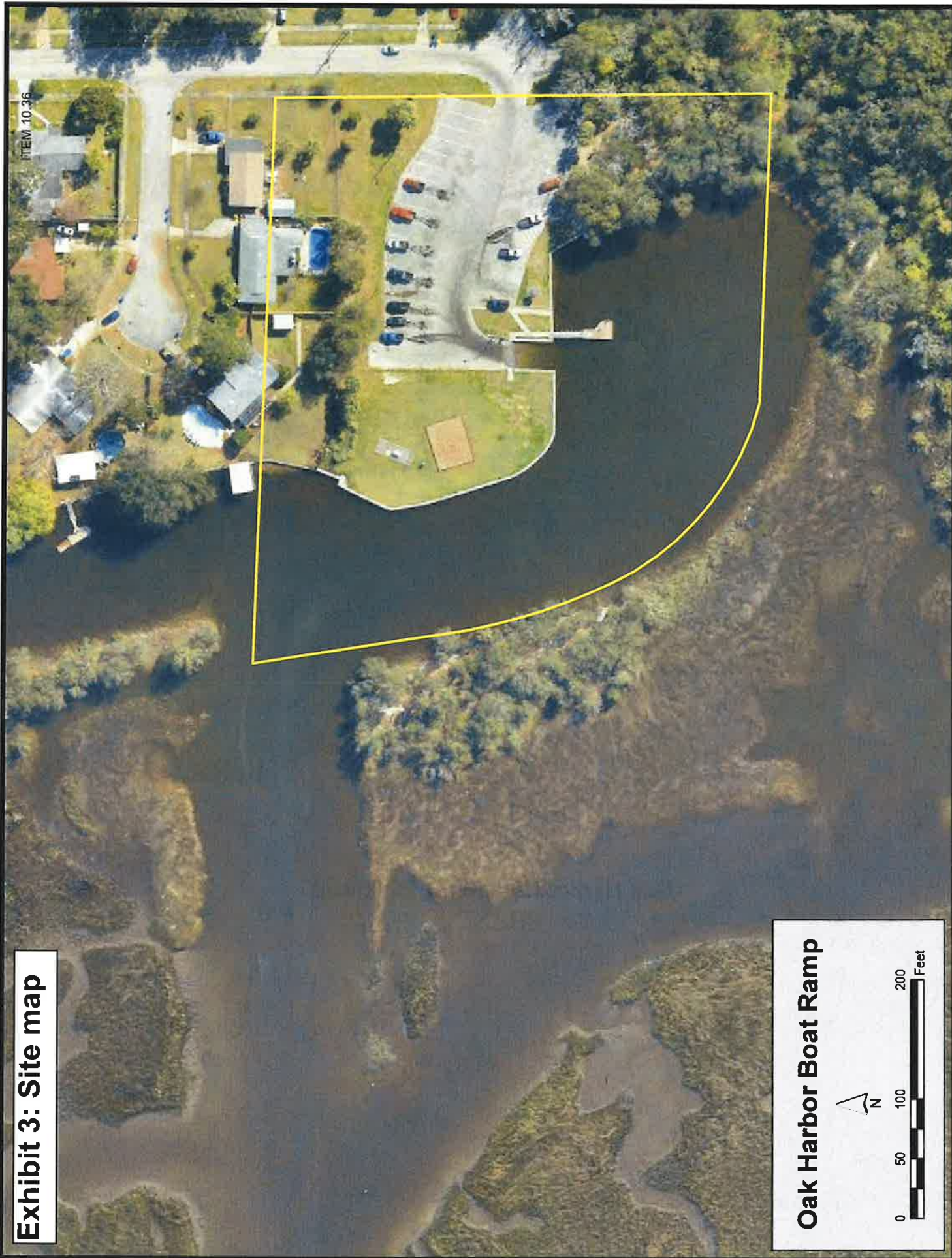
EXHIBIT 2

Duval County Project Location



Oak Harbor Boat Ramp Bulkhead
PHASE 2

Exhibit 3: Site map



Oak Harbor Boat Ramp



0 50 100 200 Feet

ITEM 10-36

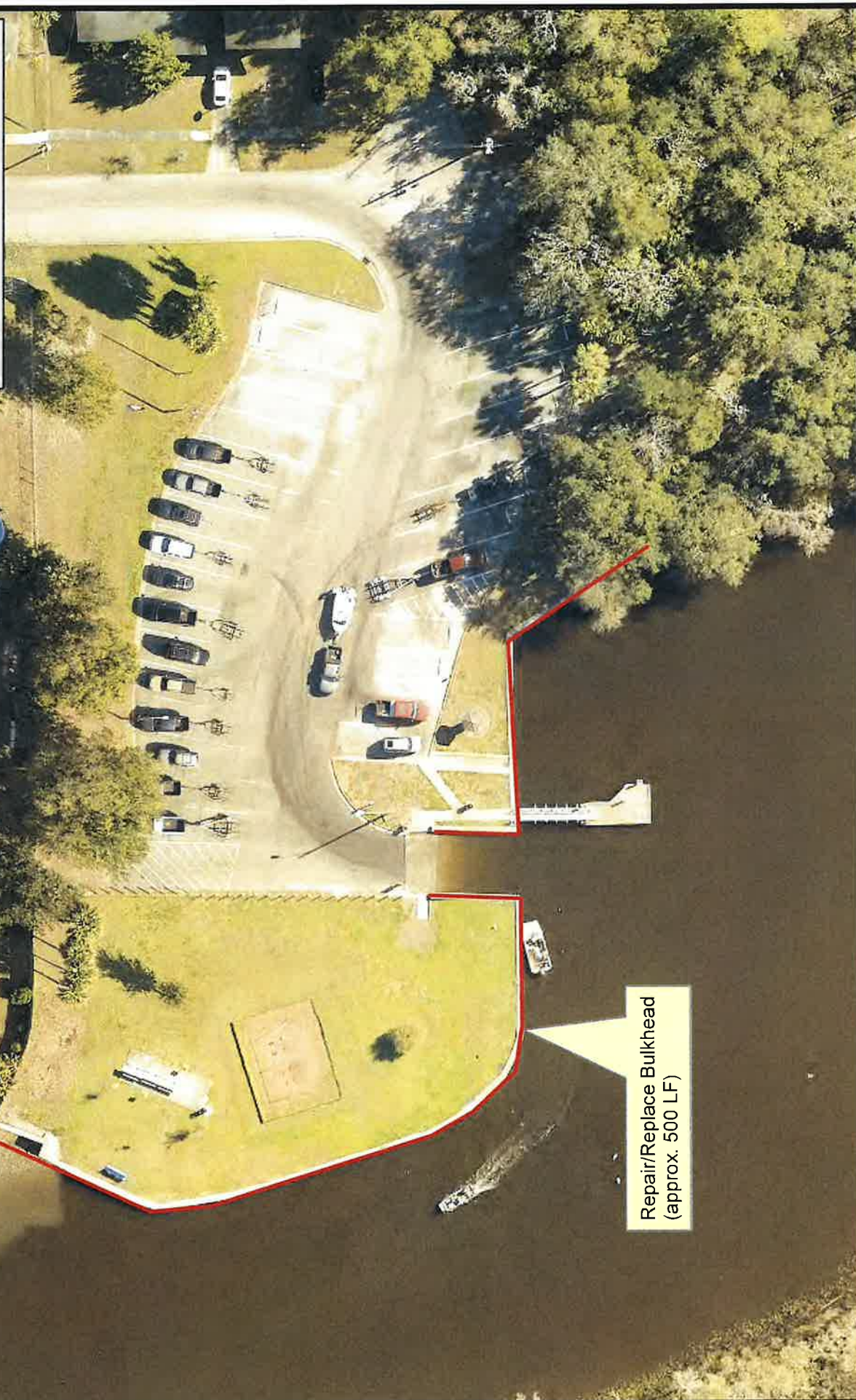
Exhibit 4: Development Plan

ITEM 10.36

Oak Harbor Boat Ramp

0 25 50 100 Feet

N



Repair/Replace Bulkhead
(approx. 500 LF)

